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

MIT ACADEMY OF ENGINEERING Alandi(D.), Pune-412105

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

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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
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    h. Entrepreneurship and Innovative Ecosystem
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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.

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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
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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

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	28. Ms. Srushti Jadhav
	To confirm the previous minutes of meetings and review on action taken report. **Discussion and Resolution:**
01	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**

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	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**

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Annexure – I

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				

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Annexure – 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

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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	

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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/173iFF17K5TDzxX4kFJlU-Ya37mrZv8M_/edit?usp=sharing&ouid=101365191781375208814&rtpof=true&sd=true

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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

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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

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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

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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

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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

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			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

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Annexure – V

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
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02	Prof.(Dr.) Shitalkumar. A. Jain	
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25	Dr. Pramod Kothmire	
26	Dr A.D Pathj	
27	Dr. V. V. Nanthekar	
28	Srushti Ghadge	

MIT | Academy of Engineering (An Autonomous Institute Affiliated to Savitribai Phule Pune University)	Action Taken Report		
Alandi (D), Pune - 412 105	ACADEMIC YEAR	:	2024-2025
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    h. Entrepreneurship and Innovative Ecosystem
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7. Any other point with the permission of the chair

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ACADEMY OF ENGINEERING Alandi(D.), Pune-412105

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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.

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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 the next IQAC meeting.

Responsibility: All School Deans

Action Taken:

Details of value added courses planned are given in Annexure -I

School	Name of value added courses	No. of beneficiaries (Students)	Duration (hrs)	Date of conduction (from -to)	Status (Completed/ Planned/Ongoing
SCHOOL OF CHEMICAL ENGINEERING	SY: Data analysis using software usage of MiniTab TY: CFD Simulations	SY Students: 70 TY Students: 67	Each course of 40 hrs	15/02/2025 to 16/3/2025	Planned
SCHOOL OF COMPUTER ENGINEERING	SY: 1) Personal Effectiveness 2) Life Skills 3)Leadership Skills 4)Machine Learning with Python TY: 1) Block Chain 2) Corporate Etiquttes	85 85 70 75 76 76 75 75	Each course of 40 Hrs.	10/01/2025 to 25/01/2025	Completed

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	Usable Security				
COMPUTER ENGINEERING (SOFTWARE ENGINEERING)	SY: 1) Personal Effectiveness 2) Life Skills 3)Leadership Skills 4)Machine Learning with Python	10 10 25 20	Each course of 40 Hrs.	10/01/2025 to 25/01/2025	Completed
SCHOOL OF CIVIL ENGINEERING	SY: "Smart City: A Sustainable Development" TY: "Sustainable Construction"	SY -75 TY- 70	40 Hours Each Course	SY- 18/01/2025 to 16/02/2025 TY- 17/01/2025 to 16/02/2025	Ongoing
SCHOOL OF DESIGN	NA	NA	NA	NA	NA
SCHOOL OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING	1."Empowering Sustainability through Microcontroller Applications: A Value-Added Course 2. Digital Twin Revolution: Bridging the Physical and Virtual Worlds	1.SY -200 2.TY 180	1.40 Hours 2.40 Hours		
SCHOOL OF MECHANICAL ENGINEERING	1)Design Thinking for Sustainability 2) LCA for Sustainability	1) SY-100 2) TY-104	40 Hrs 40 Hrs	1)10/01/25 2)10/01/2025	Ongoing Ongoing

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	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 NBA mock audit conducted and action taken thereon. Chairman IQAC raised the concerns regarding remarks during the mock audit in each school. The major concern was regarding consultancy, research grants/funds. He opined to increase the efforts to change the status. He also opined that Professors and Associate Professors shall mandatorily take efforts to submit the 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. Responsibility: All School Deans Action Taken: Details of NBA mock audit planned/conducted Details of NBA mock audit report, analysis and action planned are given in Annexure -II

Schools	Date of audit (Planned /conducted)	Observations	Action Taken
Chemical	28/9/2024	The observations are provided in the shared link.https://drive.google.com/file/d/1SOahezAFTIo9L12Xybm8j1k2Iut8kr6T/view ?usp=sharing	1) Regular remedial classes, mentorship programs, and academic monitoring have been introduced to improve the success rate 2) Proposals for government and private research grants are being developed and submitted . actively. 3) 3) MoUs with industries are being signed, and a dedicated

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				team has been formed to seek consultancy projects Periodic reviews are conducted to ensure continuous improvement in OBE practices.
	Civil	25/10/2024	The observations are provided in the shared link. https://docs.google.com/spreadsheets/d/1ch8Nrzl0VNXi4rVnkNVx0aMyo6E3pg-O/edit?usp=sharing&ouid=111860734307277743824&rtpof=true&sd=true	The actions taken are provided in the shared link. https://docs.google.com/spreadsheets/d/1ch8Nrzl0VNXi4rVnkNVx0aMyo6E3pg-O/edit?usp=sharing&ouid=111860734307277743824&rtpof=true&sd=true
	Computer	10/10/2024	The observations are provided in the shared link. https://drive.google.com/file/d/12M_WmIBJYoT0xXTYdbrqXIwapd065jmM/view?usp=sharing	The actions taken are provided in the shared link. https://drive.google.com/file/d/12M_WmIBJYoT0xXTYdbrqXIwapd065jmM/view?usp=sharing
	E&TC		1. The content can be represented in pictorial form 2.PEOs PEOs need reframing in terms of action words, which is essential 3. Project attainment needs to be done concerning rubrics towards attainment of POs/PSO 4. Counselling of students to be done towards SIP feedback 5. Don't consider emerging technology as an elective, as it is a	PEOs have been reframed using action words to enhance clarity. Project attainment is now aligned with rubrics to ensure proper evaluation of POs and PSOs. Counseling sessions for SIP feedback have been conducted. A policy document for choice-based electives has been drafted. CO-PO mapping has been properly defined and justified. Placement and higher studies data have been collected and documented. IEEE event outcomes are

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			mandatory course by AICTE 6. A policy document for choice-based electives needs to be prepared 7. Course program articulation matrix (CO-PO mapping) needs to be properly defined and justified 8. Placements and higher studies data and proofs are incomplete 9. Outcomes of each IEEE event to be in tabular form along with feedback statistics and summary-CR4 10. SFR and faculty cadre proportion need to be revisited by considering first-year faculty 11. Innovations by the faculty in teaching and Learning need to be completed 12.Upgraded infrastructure to be mentioned clearly 13. Academic audit and action taken need to 14. Placement number and quality need improvement. No improvement in higher studies Entrepreneurship data needs to be mentioned.	now presented in a tabular format with feedback statistics. SFR and faculty cadre proportion have been revisited, considering first-year faculty. Faculty innovations in teaching and learning have been compiled. Upgraded infrastructure details have been clearly mentioned. Academic audits have been conducted, and corrective actions have been documented. Efforts have been made to improve placement quality, and entrepreneurship data has been recorded.
	Mechanical	01/10/2024	The observations are provided in the shared link.	1. Quiz related to awareness about vision, mission is

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			https://docs.google.com/spreadsheets/d/1u1KLOI1EtAYZAVdPwMnc9SEFlitOWhnz/edit?usp=drivesdk&ouid=110967634751366474029&rtpof=true&sd=true	conducted among students. 2. Project laboratory is well maintained. 3. Continuous monitoring to ensure continuous improvement in OBE practices. 4. All files of 3 years related to attendance, log book, lab manual in lab.

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.

Responsibility: All School Deans

Action Taken:

Details of Mock audit for compliance

UG PROGRAM	Date of audit (Planned/conducted)	Details of experts (Identified/invited)	Observation (In case audit completed)
Chemical	23/2/2025 tentative	Dr Manik Deosarkar, professor and Dean, Dept of Chemical Engg, VIT , Pune	Planned
Computer	14/2/2025 Tentative	Not Finalized (In process)	Planned
E&TC	15-20th Feb 2025	Dr.Suhas Deshmukh	in discussion
Mechanical	04 to 06 Feb 2025	Dr. A. M. Malge	Planned

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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.

Responsibility: All School Deans

Action Taken:

Details of Academic Audit planning for Semester-I-2024-25

School/Department	Date of Audit (Planned)	Details of Experts identified
CHEMICAL ENGINEERING	23/2/2025 tentative	Dr Manik Deosarkar, professor and Dean, Dept of Chemical Engg, VIT , Pune
COMPUTER ENGINEERING	14 Nov 2024 Completed	1. Dr. Milind Kulkarni, VIT Pune 2. Dr. Haridas D. Gadade, COEP
COMPUTER ENGINEERING (SOFTWARE ENGINEERING)	14 Nov 2024 Completed	1. Dr. Milind Kulkarni, VIT Pune 2. Dr. Haridas D. Gadade, COEP
CIVIL ENGINEERING	29/11/2024 (Completed)	Dr Aruna Thube, Associate Professor, Civil Engineering Dept., COEP, Pune
DESIGN	12th Dec 2024 - for PD, CD & UX department.	Prof. Uday Athavankar Sir, Ex IDC, IITB professor. Cheef Academic mentor for School of Design
ELECTRONICS AND TELECOMMUNICATION ENGINEERING	10th December 2024	Dr.S.P.Mahajan, Associate Professor and Dean Academics, COEP Pune
HUMANITIES AND ENGINEERING SCIENCES	-	-
MECHANICAL ENGINEERING	21/08/2024	Dr. M. J. Sable, Dr. S.S. Kore Professor, COEP, Pune and Associate professor, VIT, Pune

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 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.

Responsibility: Dy. Directors, Registrar, Deans

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07	**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 the institute is also targeting for "Sentimental Ranking". IQAC Chairman further informed that the institute is participating in all rankings and academic exhibitions as well. b. IQAC coordinator informed that while implementing the EOMS following targets were achieved: • The Auditor's Training Program was successfully completed. • Internal Audit for the 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. The IQAC Chairman took note of the concerns raised by student representatives 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.
08	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,Director**

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Annexure – I

Details of Value-Added Course for AY 2024-2025

School	Value –added courses (Name)	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	18 Dec to 24 Dec 2024
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					
Humanities and Engineering Science	No course in 2024 Sem 1.It will be planned in Sem II				

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Annexure – II

Details of NBA mock audit report, analysis and planned action

UG program	Mock Audit Score (Critera-1 to 7)	% Score	Major observation/suggestions	Link for Mock audit report
Chemical	571	73.20	**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	555	71.15%	Strengths: PEo are adequate and Co's are available in each course syllabus. FR 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 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 equipments 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	https://drive.google.com/file/d/1C7Z2Ta2TIt5QXgk5m4r8UbT7E-nACHHz/view?usp=drive_link https://drive.google.com/file/d/1nBv7jlbh29kLPmPIp9VT_nCliaMafXlA/view?usp=drive_link

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Computer	605	77.56%	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 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%	https://docs.google.com/spreadsheets/d/173iFF17K5TDzxX4kFJlU-Ya37mrZv8M_/edit?usp=sharing&ouid=101365191781375208814&rtpof=true&sd=true
E&TC	550		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	https://drive.google.com/file/d/1387wXW1r2gGTs-OSdDENG04HHjK1Th3L/view?usp=drive_link

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			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 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	

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			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	710/1000	71	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)	https://drive.google.com/file/d/15NkylYdDZuOZ21u-Nd8otUA7p_bA0RLO/view?usp=sharing
E&TC		Addressing all the Cs and continuous improvement	
Mechanical	In process	Need to prepare separate Compliance documentation for Part A and Part B	https://drive.google.com/drive/folders/1R0qExK8c0vFdqE4anSMnG2fxdpl-8g8m

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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	not applicable	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	All the course having Moodle page, and the faculty are using ICT tool for actual delivery. Labs are well equipped, try to add the new/advance equipment The UTM machine is required for Civil Engineering	The purchase of new/advance equipments are under process.	https://drive.google.com/file/d/1p2O34lvgEBr5o4CptC3qi8yP_ySQpcWW/view?usp=drive_link
Computer	18/03/2024		upgration of PC in labs	1)Labs are upgraded with new	https://docs.google.com/do

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			Rubrics of assignments to be intimated well in advance Wifi facility is poor	machines 2) Rubrics of assignments made available in moodle 3) Intimated to to upgrade wifi Facilty to concerned	cument/d/120C4VlxrOBFoP7Bpti8IYQ52IIwta1Xf/edit?usp=sharing&ouid=101365191781375208814&rtpof=true&sd=true
E&TC	29/01/2024		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
Design					
Humanities and Engineering Science					

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Annexure – V

Details of strategic plan for quarter – I of AY 2024-2025

Parameters	Target (2024-25)	Achievement (Quarter-1)
Admissions Engineering Design	 1317 142	
Client Feedback	7/10	
Process Automation	70%	
Research Publications (Jr+Conf)	175	39 Papers+4 Book Chapters+2 Books
IPR	50	Nil
People (No. of events)	6	
Placement SLIP YLIP Higher Studies	500 350 200 25	
Average Salary (LPA)	6.0	
Startup	30	13
Accreditation NBA NAAC	 Minimum score: 70% 3.3/4.0	73.20 score in NBA MOCK Audit for chemical 77.56% score in NBA MOCK Audit for Computer Engineering 71 % score in MBA Mock Audit for Mechanical

MIT ACADEMY OF ENGINEERING Alandi (D.), Pune- 412105

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	:	03/02/2025
	MEETING NO.	:	IQAC/2024-25/02

IQAC meeting 2 for the academic year 2024-25 is scheduled on Friday, 07th Feb 2025 at 01.00 pm in blended mode.

The agenda for the same is as follows:

1. To confirm the previous minutes of meetings (IQAC/2024-25/01) and review on action taken report
2. To discuss the analysis and action taken report of 360 degree students feedback for academic year 2024-25(Term-I)
3. To discuss the analysis and actions initiated on infrastructure and central facility for academic year 2024-25 (Term-II)
4. To discuss the result analysis for Term-I of 2024-25
5. To discuss a strategic plan (Balanced Score Card) for quarter II: 2024-25
6. Any other point with the permission of the chair

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

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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	:	07th February 2025
	MEETING NO.	:	IQAC/2024-25/02

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4. To discuss the result analysis for Term-I of 2024-25
5. To discuss a strategic plan (Balanced Score Card) for quarter II: 2024-25
6. Any other point with the permission of the chair

The Second meeting of IQAC for AY 2024-2025 was held 07th February 2025 at 01.00 pm in blended mode.

Chairman-IQAC, presided over the meeting and the following members were present for the meeting,

1. Dr. Mahesh Goudar(Online)
2. Prof. (Dr.) Balasaheb Waphare
3. Prof. (Dr.) Sunita S. Barve
4. Prof. Avinash Bhalerao
5. Prof. (Dr.) Abhijeet Malge
6. Dr. Vaishali Wangikar
7. Dr. Shyam Shukla (Online)
8. Prof. (Dr.) Rajeswari Goudar
9. Prof. (Dr.) Dipti Sakhare
10. Mr. Shridhar Khandekar
11. Mrs. Vandana Khandelwal

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	12. Dr. Pramod Kothmire 13. Dr. Sandeep Shewale 14. Prof. Sunilkumar. M. Bhagat 15. Dr. Suyogkumar Taralkar 16. Mr. Pravin Pawar (Online) The leave of absence was granted to following members: 1. Prof. (Dr.) Shitalkuar A. Jain 2. Prof. (Dr.) Prafulla Hatte 3. Mrs. Ranjana Badre 4. Prof. (Dr.) Anant Chakradeo 5. Ms. Srushti Jadhav 6. Mr. Vivek Chavan 7. Mr. Anil Bhat 8. Mr. Girish Bora 9. Mr. Peeyush Kumar 10. Dr. Vijay V. Muthekar
01	To confirm the previous minutes of meetings and review on action taken report. Discussion and Resolution: The IQAC Coordinator welcomed all members to the meeting and provided an overview of the IQAC committee. With the Chairman's permission, the Coordinator outlined the agenda in the opening remarks. The minutes of the previous meeting (Meeting-1, 2024-25, held on November 13, 2024) were reviewed, along with the action taken report. Following discussion, the members unanimously confirmed the minutes.
02	To discuss the analysis and action taken report of 360 degree students feedback for academic year 2024-25(Term-I) **Discussion and Resolution**: The IQAC Coordinator, along with the Deans of the Schools of Chemical, Mechanical, Computer, and Civil Engineering, presented the analysis and action taken report on the 360-degree student feedback for the academic year 2024-25 (Term-I). It was decided that the impact analysis of the actions taken would be discussed in the next meeting. Additionally, the School of E&TC and SESH were requested to submit their feedback analysis and action taken report to the IQAC. **Responsibility: All School Deans**
03	To discuss the analysis and actions initiated on infrastructure and central facility for academic year 2024-25 (Term-II)

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	Discussion and Resolution: Registrar and all School Deans presented the analysis and actions initiated regarding infrastructure and central facilities for the academic year 2024-25 (Term-II). It was decided that the impact analysis of all actions taken would be reviewed in the next meeting. **Responsibility: All School Deans, Registrar, Campus Engineer**
04	To discuss the result analysis for Term-I of 2024-25 **Discussion and Resolution:** All School Deans presented the result analysis for Term-I of 2024-25. The plan of action to improve the result to be discussed in next meeting. **Details are given in Annexure –I** **Responsibility: All School Deans**
05	To discuss a strategic plan (Balanced Score Card) for quarter II: 2024-25 **Discussion and Resolution**: All School Deans presented the strategic plan (Balanced Score Card) for quarter II: 2024-25. **Details are given in Annexure –II** **Responsibility: All School Deans**
06	IQAC – 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, Director**

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Annexure –I

Result analysis for Term-I of 2024-25

School/ Department	% Result			
	FY	SY	TY	B Tech
Chemical	-	80	79.10	91.66
Civil	-	89.68	72.86	87.27
Computer	-	93.39	96.70	99.83
Software	-	96.68	NA	NA
E&TC	-	70.35	85.31	83.89
Mechanical	51.47	50.00	65.86	91.00
Design	95	97	92	98
SESH	64%(57,38)	-	-	-

Annexure –II

5.a: Status of Balanced Scorecard: for quarter II: 2024-25 (Academics)

	Teaching Learning Process	Target	Status
Academic Framework			
1	Curriculum Flexibility (% of Credits)	30 %	30% (46%)
2	Credit Skill Courses (No. and % Credits)	30 (15%)	44 (15%)
3	Value Addition Courses of 40Hrs (No.)	20	12
4	Professional Certification (No. of Students)	300	At the End of AY
5	Swayam Courses Completed by Students	800	765
6	Swayam Courses Completed by Students with Credit Transfer	700	At the End of AY
7	Student Development Programs and Expert Sessions (No.)	100	58
Centre for Excellence in Learning and Teaching			
1	Faculty Development Programs of 40Hrs Organized (No.)	8	5
2	Professional Courses of 40 Hrs attended by Faculty (2 per year)	200	113
3	Online Courses Created by Faculty (No.)	16	32
4	Engineering Education Research Papers Published	16	11 (in Process)

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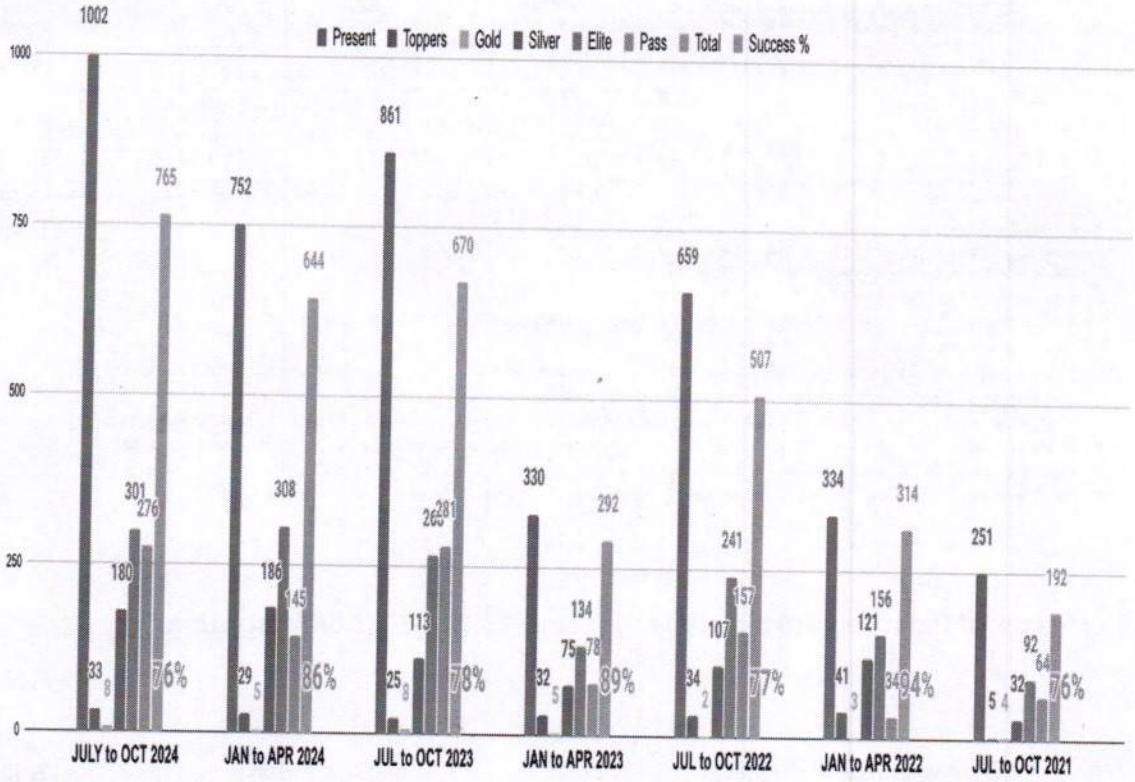
Professional Certification Credit Transfer: 453 (2022-2023) + 909 (2023-2024) = 1362 Students



Present	1002	752	861	330	659	334	251
Toppers	33	29	25	32	34	41	5
Gold	8	5	8	5	2	3	4
Silver	180	186	113	75	107	121	32
Elite	301	308	268	134	241	156	92
Pass	276	145	281	78	157	34	64
Total	**765**	**644**	**670**	**292**	**507**	**314**	**192**
Success %	**76%**	**86%**	**78%**	**89%**	**77%**	**94%**	**76%**
Grade		**AA**	**NIL**	**NIL**	**A**	**A**	**NIL**

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5.b: Status of Balanced Scorecard: for quarter II: 2024-25 (CRPC)

BSC Client – NBA Criteria **Corporate Relations and Placement Cell (CRPC)**

Sl. No	category	Target	Status	Remark
1	Placement (2023-24)	500	503	Support to continue till Dec. 24
2	Placement (2024-25)	500	165	Support to continue till Dec. 25
3	SLIP (2024-25)	350	410	Support to continue till 15 Feb 25
4	YLIP (2024-25)	200	260	40 to 50 % of YLIP have received SLIP officially,
5	Higher studies	25	14	
6	Startups	30	14	10 Startups in Process (Company registration vide Udyog Aadhar)

Interim Status and Action Plan

Placement / SLIP

- Main focus will be on SLIP of final year students till 15th Feb 2025

Higher studies

- Kyoto university japan (QS rank 50), Students will apply for selection in January.
- Maruhachi Tent: 3 weeks internship for our 8 students.
- Faculty exchange opportunity from Columbia and Uzbekistan in which 2 teachers from MIT for 4 weeks and 2 teachers will come from foreign universities for teaching our students. Host university will take care of expenses.
- Dr Janhavi Inamdar Madam is visted Australia in the first week of Dec. 24

5.c: Status of Balanced Scorecard: for quarter II: 2024-25 (Administration)

Sr. No	BSC	Weightage	Metric	Sub Weightage	Target	Action/initiatives	status (Jan 2025)
1	Financials	60%	Revenue target for 24-25	40.00%	100% admission for soft branches and 95 % hard branches	Develop effective marketing and branding plan	100 % admissions for soft and hard branches
			Manage financial resources efficiently	10.00%	95% of budget utilized effectively	Regular budget reviews and audits	100 % utilization
			Cost per student	10.00%	< Rs 1.25 L	Optimize resource allocation and costs	1.45 L
2	Client	20%	Enhance Student and faculty satisfaction (Services)	15.00%	CSAT=70% and ESAT =70%	Implement a feedback system and act on it	Redevelopment in process
			Response time	5.00%	<72 hours for request processing	Streamline request processing workflows	Response time is less than 72 hrs.
3	Process	10%	Process cycle time	5.00%	Reduce by 20%	Automate key processes	Implementation of ERP in process for tally integration, store purchase management, faculty recruitment
			Automation rate	5.00%	60% of process automated	Implementation of ERP system	Zoho for HR management
4	People	10%	Recruitment of professional manpower	7%	improvement by 20%	developing compitency matrix	Formation of recruitment panel for professional manpower
			Training hours per staff and faculty	3.00%	40 hrs per year	Develop a comprehensive training calendar	CELT & IQAC is conducting training as per requirement
		100.00%		100.00%			

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5.d: Status of Balanced Scorecard: for quarter II: 2024-25 (Admission and Branding)

Sr. No	BSC	Metric	Target	Action / Initiatives/Status
1	Financials	Cost per Admission	< Rs 25000 per admission	Admission campaign FY 2025-26 initiated
		Revenue from Enrollment	Increase by 5% annually	Enrollment revenue will begin from March 2025, Paid Applications as on 6th Feb 2025 is 122 (Rs. 1,22,000/-)
		ROI on Marketing Campaigns	ROI >= 20 %	Impressions for Design 358K, clicks 21K, CTR 5.86 Engineering Impressions 128K, Clicks 7.7K, CTR 5.51
2	Client	Prospective Student and parent Satisfaction	90% satisfaction rate	Enhancing the seating area and branding collaterals
		Brand Awareness	increase brand recognition by 10%	Search Ad + Display Ad campaign initiated
3	Process	Campaign Effectiveness	Increase lead-to-admit conversion rate by 20%	Conversions Total Leads 3672, Unpaid 302 applications
		Application Processing Time	Reduce by 40%	Entire applications process is automated , payment link has been placed before documentations which resulting in less processing time
		Accuracy of Admissions Data	80% accuracy rate	Reports are automated and placed in CRM and can be download in real time basis
4	People	Training Hours per Staff	30 hours per year	LMS and Product Training has been conducted with 2.5 hrs. average training time
		Recruitment of professional manpower	improvement by 20%	KRA defined with KPI indicator for better understanding of roles and responsibilities, no recruitment required

5.e: Status of Balanced Scorecard: for quarter II: 2024-25 (Dean-Chemical)

MITAOE Balanced Score Card 2024-25 Name: Dr Sandeep P Shewale School: Chemical Engineering						
Sr. No	BSC	Weightage	Metric	Sub Weightage	Target	current status
1	Financials	10%	Revenue Generation	2.00%	Generate revenue through grants, partnerships, and industry collaborations- 1 lakh	research funding of Rs 7,70,000/- from the Aspire Scheme of Savitribai Phule Pune University.. Total Consultancy Revenue: in AY 2024-25: Rs 2,24,200/
			FY Admission	5.00%	Increase admission from number 47 to 55	Total admission : 609 (100% students admited in FY-24-25)
			Cost Management and Budget Utilization	3.00%	Reduce costs by 10% (from 40k to 36k) annually; maintain lab	In process , will be evaluated at the end of AY 24-25
2	Client	50%	Student Satisfaction	10.00%	Achieve 90% satisfaction in student surveys.	In process , will be evaluated at the end of AY 24-25
			Employee Satisfaction (ESAT) and CSAT (Customer	10.00%	Achieve 85% satisfaction in faculty & staff surveys. CSAT - 7/10, ESAT -	In process , will be evaluated at the end of AY 24-25
			B Tech Students passing rate	10.00%	Maintain a graduation rate of 95%	91% passing % in Sem-VII
			Employment Rate (Overall)	10.00%	Ensure 55% of graduates secure employment or further education within	27% graduates secured emplomentt till date
			Student Placement in Core Chemical Industry	10.00%	Achieve 45% placement in core Chemical Industries.	27% graduates secured emplomentt till date in core chemical industries

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Sr. No	BSC	Weightage	Metric	Sub Weightage	Target	current status
3	Process	30%	Research Output	10.00%	Publish 10 high-impact research papers annually	2 SCI Indexed paper Published till date
			Curriculum Development and use of integrated technological	10.00%	Update 10% of the curriculum annually based on industry	10%
			Accreditation and Compliance	10.00%	Achieve NBA score of 705/1000, NAAC A+, and ranking contribution.	734 score out of 1000 secured in NBA mock audit. Compliance report is submitted to NBA in Dec 2024
4	People	10%	Faculty Development	5%	Each faculty member secures additional skill certification from Aspen, IUCEE, external	5 faculty have compited certification courses till date and remainining are in process
			Professors of Practice	5.00%	Recruit (1 Nos) and retain industry-experienced Professors of Practice. Engaging them in curriculum development, student project	Dr Arika Kotha has been appointed as professor of practice in Sept 2024
		100.00%		100.00%		

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5.f: Status of Balanced Scorecard: for quarter II: 2024-25 (Dean-Civil)

MITAOE Balanced Score Card 2024-25 Name: Dr Shyam Shukla School: Civil Engineering						Status Term-I
Sr. No	BSC	Weightage	Metric	Sub Weightage	Target	Status (December 2024)
1	Financials	10%	Revenue Generation	5.00%	Generate revenue through grants, partnerships, and industry collaborations, Consultancy Services - 2 lakh	Consultancy (M/s Siddhi consulting engineers) received payment of Rs. 1,00,000/-
			Budget Utilisation	5.00%	60% Budget utilisation from existing 46%.	Budget utilisation - 53.2%
2	Client	50%	Satisfaction Surveys / Feedback of stakeholders	30.00%	80% (Average of all feedbacks).	**Average Feedback - 87%** 1. Student satisfaction survey - (Term-I)- 84.8% 2. Faculty Course Feedback - 89%
			Student's Performance	10.00%	1. placements, Higher studies, and Entrepreneurship - Increase to 45 from the present 35 Numbers. 2. Success Rate - 90% with backlog (From existing 88%)	1a. Placements- 10nos. 1b. YLIP- 13nos. 1c. SLIP- 30nos. 1d. Higher Studies and Entrepreneurship -End of AY 24-25 2. Success rate - End of AY.
			Accreditation and Compliance	10.00%	NBA - 700 from existing 686, NAAC - 3.25 from 3.15	Mock Audit - Score 555 / (Criteria 1 to 7)
3	Process	30%	Research Output	10.00%	Publish 10 high-impact research papers annually (SCI & Scopus Only).	1. Scopus (Q2 Journal) - 1 No. 2. Scopus-indexed journal - 1 No. 3. Conference presentation(National+International) - 10 Nos. Additionally: 1. Project submitted for funding (47 Lakhs - PM Early career research grant) - 01 2. Projects submitted for Seed funding - 09
			Innovative teaching learnings	10.00%	3 courses from Existing 2 courses, 4 courses 25% e content creation.	1. For Term-I- Identified Courses - Surveying and Concrete Technology. 2. BTech Courses - Created 25% of E-content for the Sem-VII courses (04nos). 3. Mr Nilesh Baglekar got the Best Case study Presentation at MITAOE Faculty Conclave 2024. (Innovative Assessment and Evaluation Methods in Analytical and Design subjects Using ICT Tools)
			Compliances / Adherences	10.00%	Complinaces of Academic Calendar, EOMS, Statutory reuirements etc.	1. All the activities completed as per the Academic Calender- 100% 2. Fcaulty EOMS file Completion Term-I - 95% (Wating for ESE Result for Attainment work)
4	People	10%	Faculty / Staff Development	5.00%	20 Nos of FDP / SDP / Workshop attended.	15 nos. Additionally: 2 Faculty Completed the AICTE PG Certification Program
			Retention of faculties and Staff	5.00%	Maintaining 80% retention	100%
		100.00%		100.00%		

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5.g: Status of Balanced Scorecard: for quarter II: 2024-25 (Dean-Computer)

Sr. No	BSC	Weightage	Metric	Sub Weightage	Target
1	Financials	10%	Utilization of Budget	5.00%	Utilization of allocated budget for creating state of art infrastructure, software and maintenance, Industry visits,student activities, Training for faculty and staff Target : 80%
			Research/Industry fund generation	5.00%	1)Fund generation through various research funding schemes viz AICTE, SERB, DST, RPS Target: Research Proposals – 3 No. 2)Organization of Conference, project development through Center Of Excellence and STTP Target : 1. Conference – 01 No. 2. Project development – 02 No. 3. STTP - 01 No. 4. FDP - 02 No.
2	Client	50%	Stakeholders satisfaction	25.00%	Customer Satisfaction (CSAT): 8 out of 10 Employer Satisfaction (ESAT) : 8 out of 10
			Accreditation Bodies NBA and NAAC	25.00%	1. NBA - 700 / 1000 2. NAAC A+ 3.4
3	Process	10%	ERP for academic support e-content for course(B.Tech) Use of LMS for assessment	5.00%	ERP and LMS - Effective use of ERP and LMS to make paper less system e - Contents - To provide academic flexibility through blended mode of teaching learning Target : Econtent for BTech Courses:5 No.
			Teaching Learning Process a)Curriculum development b)Teaching Pedagogies c)CO and PO attainment	5.00%	Encourage faculty members to use teaching pedagogy and related technology tools to make teaching and learning more effective. Target : 1. Every faculty to use teaching pedagogy and related technology tools 2. Innovative examination reforms: 2No.
4	People	30%	Training to faculty and Staff and industry collaboration	20%	Training for the faculty and staff for upskilling through attending FDP and STTP 1. Professional certification courses - 30 No. 2. Respective domain(niche area) - 20 No. 3. Technical Skill courses - 3No. (staff) 4. Non technical skill courses - 2No. (staff) 5. Organisation of FDP/STTP programs - FDP - 02 No. STTP – 01 No. Encourage faculty for industry collaborations to provide 1. Internships - 03 No. 2. Sponsored projects - 04 No. 3.Consultancy(Rs. 1 Lakh) - 01 No. 4. MOU. - 02 No.
			Research & Development	10.00%	Encourage Faculty members to 1.R&D sponsored projects - 02 No. 2. Research Paper Publications - 45 No. 3.Patent Filling - 04 No.
		100.00%		100.00%	

5.h: Status of Balanced Scorecard: for quarter II: 2024-25 (Dean-E&TC)

MITAOE Balanced Score Card 2024-25

School / Dept.: School of E&TC Engineering

Sr. No	BSC	Weightage	Metric	Sub Weightage	Target	Remarks	Targt Achieved		
1	Financials	10%	Utilization of Budget	5.00%	85 %	Lab set ups, STTP, Faculty Upskilling.	0.85	1. Major Purchaes of EV lab set up and Mentor Graphics 2.	
			Research/Industry fund generation	2.50%	Research proposal : 2 No.	Fund generation through various research schemes viz AICTE, SERB, DST, RPS ,Company CSRs	Nil	11 Research Proposals submitted	
			Return on investment	2.50%	a) STTP - 01 No. c) FDP – 02 No.	Organization of Conference, STTP, project development through the New lab set ups and KPIT cobranded labs	Achieved	STTP: 1. Digital Twin 2. Google AI ML Development	FDP: 1.IEEE: Digital Twin 2.
2	Client	50%	Stakeholders satisfaction	15.00%	a) 8 out of 10 b) 8 out of 10	Customer (Students) Satisfaction (CSAT) Stake Holders otherthan customer Satisfaction (ESAT)			
			Accreditation Bodies NBA and NAAC	30.00%	NBA - 700 / 1000 NAAC A+		Complimace submitted		
			Faculty selection	5.00%		Recruitment of competent faculty with good exposure to academics, industry practices and excellence thereof.	with PhD from NIT		
3	Process	10%	Efficient use of ERP for academic support's execution	5.00%		a) ERP and LMS - Effective use of ERP and LMS to make paper less system b) e - Contents - To provide academic flexibility through blended mode of teaching learning	6 courses are avilable in terms of e-content		
			Efficient Use of LMS for assessmnt and the transperant decimination	5%	1) 3 courses in a year with pedagogy and assesment reforms 2) e- content development 6 nos.	Encourage faculty members to use teaching pedagogy and related technology tools to make teaching and learning more effective Innovative examination reforms.	Assesment reforms: EMT,PCS,Healthcare Informatics		
4	People	30%	Training to faculty and Staff	15%	a)15 No. of faculty b) 20 No. of faculty c) 03 No. of staff d) 02 No. of staff e) 02 Nos FDP and 2 Nos. STTP Training for the faculty and staff for upskilling through attending FDP	a) Professional Technical certification courses b) Respective domain(niche areas) c) Technical Skill courses d) Non technical skill courses e) Organising of FDP/STTP program	a)13 c)2 (Guruv sir and SRS) d) 1 Mindfullnes OYSe) 2 FDPs and 2 STTPs organized		
			Industry collaboration	5%	a) Internships - 20 b) sponsored projects - 05 c) Consultancy (Rs. 1 Lakh) d) MOU - 02	Encourage faculty for industry collaborations	MoU: 6 Internships 20+		
			Research & Development	5.00%	Encourage Faculty members to a)R&D sponsored projects - 2 Nos b)Research Paper Publications in Journals - 4 and in conference 15 Nos c)Patent Filling - 4 Nos		11 Proposals Submitted		

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5.i: Status of Balanced Scorecard: for quarter II: 2024-25 (Dean-Mechanical)

MITAOE Balanced Score Card 2024-25
Name: Abhijeet Malge School / Dept.: School of Mechanical Engineering

Sr. No	BSC	Weightage	Metric	Sub Weightage	Target	Achieved	Remark
1	Financials	10%	FY/DSY Admission	5.00%	**15%(30 students)** increase in the enrollment ratio of FY B Tech(2023-24:89/120 students were admitted)	2024-25 100%	**All FY and DSY seat were filled**
			Industry revenue generation	3.00%	20%(**6 Faculties**) of faculties should contribute to revenue generation through Consultancy work	18% Faculties have contributed	1. Total of 6,80,000 Rs Consultancy has been generated in academicnyear 2024-25 (Relrine
2	Client	50%	Students Satisfaction	30.00%	**CSAT-7/10**	**In Process**	Will be conducted at the end of Semester
			NBA/NAAC/NIRF	5.00%	**NBA 700/1000(previous Score:669/1000)** and **NAAC A+**	**In Process**	NBA Mock Audit: 703/1000
			Stake holders(Alumni/Parents)	5.00%	**8/10** feedback for the students over all development, facilities and accomplishment of alumni.	**In Process**	Will be conducted at the end of Semester
			Industry	10.00%	**70%(140 Students)** of students to be placed with average package of 5.00 LPA	**In process**	Till date 20 students have Placed
3	Process	10%	Teaching and Learning	7.00%	Implementation of Teaching learning process to have good **Academic performance index (9/10)** and **Success index(4/5)**	**In Process**	In process wil be done at the end of year
			Research and Development	3.00%	At least **one faculty** publishing **one journal article(31 papers SCI/Scopus). 30%(9 Faculties)** Faculties contributing to IPR activities and **20 %(6-7 faculties)** Faculties generating revenue through consultancy/ Funded projects	10 Journal Publications,37 Conf Pub, IPR-06,80,000 INR Consultancy Revenue	Publications: 60% faculties have published Journal/Conference papers, 18% faculties-IPR, 20 % Contributed to Con Revenue
4	People	30%	Faculty	20%	**1 professional certification/FDP** in the niche area of their respective domain	6 Faculties	ANSYS Eduskills AICTE and ANS
			Professor of Practice	2%	Recruiting **1 Professor of Practice/Adjunct Faculty/ Industry Faculty**	4 Industry Faculty	Mr Sachin Naik, Mr Aditya
			Staff	8.00%	**1 STTP** for each **staff** to make the competant	Nil	
		100.00%		100.00%			

Prepared By: Abhijeet Malge

5.j: Status of Balanced Scorecard: for quarter II: 2024-25 (Dean-Design)

Sr. No	BSC	Weightage	Metric	Sub Weightage	Target	Action Taken / KPIs	Status till Feb 25
1	Financials	30%	Driving Overall Revenue Target for FY24-25	20.0%	5 Cr	FY- AY 24-25 : 93 x 1.62 = 1.458 cr	1.458+2.8968=4.3548 Cr (deficiency of 60 admissions due to various rreasons in FY. Approved & expected intake was 150 students for AY 24-25)
						SY + TY + B Des Total 204 x 1.42 = 2.8968 cr	
			Driving Profitability	10.0%	10% (0.5 Cr)	NA	NA
2	Client	20%	Student and Employee satisfaction	10.0%	70%	Through institute level survey format on Infrastructure	The overall impression of the school of design is largely positive, with 87% of students rating it as "Good" (74), "Very Good" (52), or "Excellent" (13), while only a small fraction found it "Fair" (17) or "Poor" (1).
			Net promoter score with parents and companies	5.0%	25-35	NA	NA
			Ranking For NAAC, NBA, NIRF	5.0%	A grade	Requeried data from school provided to Dean QA for AQAR 2024	Completed for academic year 23-24

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Sr. No	BSC	Weightage	Metric	Sub Weightage	Target	Action Taken / KPIs	Status till Feb 25
3	Process	20%	Integrated Tech Implementation for Admin and Teaching Staff.	10.0%	ERP for Administration & Exam	All Course registration & Exam registrations done through ERP for Term 1 juries.	Foundation exams concluded on 20,21,22 Jan 2025
			Academic process documentation streamlining (ISO)	10.0%	85% of the TOTAL courses to be documented as per Defined Course Structure	ISO documentation done as per new EOMS before ISO audit	External Audit completed on 10th Dec 2024
4	People	30%	Recruiting of new faculty. Training of existing faculty - domain and teaching pedagogy.	10.0%	1 FDPs per year per faculty (Training of faculties design teaching)	3 faculty recruitments are oeding as per AICTE ratio.	7 interviews are planned in Feb 25
			Organization design, identification of critical roles, successor for critical role.	10.0%	Current HoDs, Coordinators for academics & non academic role.	Identified Coordinators for all key functions of Academics & Academic support	Completed before ISO Audit - 10th Dec 24
			Leadership development	10.0%	For Hods & Other key academic heads/cordinators.	Management training for HODs during summer vacation	
		100.0%		100.0%			

5.k: Status of Balanced Scorecard: for quarter II: 2024-25 (Dean R&D)

Research and Development .		Target	Status
Research Outcomes			
1	Journal Publications	80	30
2	Conference Presentation/Publication, and Book Chapters	80	40
3	IPR	20	0
4	Research Funding	300	At the End of AY
5	Consultancy	800	765
Enhancing Research Culture & Ecosystem in College			
1	Research Funding and Consultancy Proposal Submission	9	3
2	Research Awareness Programs for Faculty and Students	5	3
3	Conference Hosting	3	1 (in Process)
4	Patent Drive	1	1 (in process)

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5.l: Status of Balanced Scorecard: for quarter II: 2024-25 (Dean SA)

Sr. No	BSC	Weightage	Metric	Sub Weightage	Target	Remark	Target Achieved	
1	Financials	15%	1) Budget Utilization	13.50%	50%	Effective utilization of allocated budget for student activitiies (cultural and technical)	Achieved	Major Expenditure - GoKart , Firodiya, Baja
			2) Revenue Generation	1.50%	0.50%	Organizing various National Level technical as well as sports events.	NIL	Organized 2 International Chess Tournament
2	Client	50%	Stackeholder Satisfaction	30.00%	7.5 on scale of 10	Student satisfaction (CSAT)	Achieved	
			Club Coordinators , Sports Director	20.00%	8 on scale of 10	Employeer satisfaction (ESAT)		
3	Process	20%	Efficient use of ERP for club and student related activities	10.00%	10%	Effective implemetation of purchase related process as far as clubs are concered.	0%	Requirments are multidimensional
			Use of Technology for report generation and data management	10.00%	10%	Auto Generation of Report	In Process	
4	People	15%	Assigning competent faculty / staff with good exposure to industry , recent technologies as Technical Club Coordinators / Industry Connect	5.00%	2.00%	Competent Facutly for Clubs and MOU with Industries	Achieved	1.Newly apponted club coordinators - MAC , Autosports ,Vertex . 2. AERO Club MOU with Industry. 3. MOU with Yourdost
			Assigning faculty / staff with excellent cultural knowledge and creativity as cultural club coordinators	5.00%	5.00%		Achieved	
			Training to exisitng sports dept staff on computer literacy , coaching,	5.00%	2.50%	Coaching to team games like cricket , football , kabbadi , Directors for Cultural clubs	Achieved	1.Sport Director has completed MH-CET course. 2. Director - Firodiya Team.

5.m: Status of Balanced Scorecard: for quarter II: 2024-25 (Dean QA)

Sr. No.	BSC	Weightage	Metric	Sub Weightage	Target	Action Items/KPI	Status till 31st Dec 2024
1	Financials	10%	Budget Utilization	10.00%	90% Utilization of approved budget	Expenses for NBA Compliance, NAAC audit, Academic and Peer Team Audits, EOMS survillence Audit	NBA Compliance submitted, NBA Mock Audits conduected, Peer Team Audit Conducted, EOMS certfication Audit Conducted
2	Client	60%	Satisfaction Survey	10.00%	CSAT: 8/10, ESAT:8/10	Interaction with customers and employees	Students 360 Degree feedback conducted and analysed, Employers survey conducted, Central Facility Feedback conducted
			NBA preparations	30.00%	70% score by each department	Yearly NBA audit for each departments by external experts	NBA Mock Audit conducted for AY 2023-24 by external Experts NBA Compliance Report for four UG programs (Chemical, Computer, E&TC, Mechanical) submitted
			NAAC preparations		NAAC grade: A+	Yearly evaluation by external experts fo each department	AQAR for 2023-24 submitted
			Ranking preparations	20.00%	NIRF: Top 300 DIISC: Top 200 OBE Ranking: Platinum Green Ranking: Platinum India Today: Top 100 Time of India: Top 100 GOWR: Gold	Collection of data on monthly basis	NIRF application submitted DIISC: Gold+ OBE: Diamond GOWR: Gold IIR: 85th AIR (Pvt Colleges) India Today: 86th AIR (Pvt colleges) Sentiment Survey: Diamond
3	Process	20%	Technology integration for academic and administrative processes	10.00%	Revsion of 100 % processes	Effective implementation of EOMS (21001: 2018)	Implementation of EOMS from July 2024

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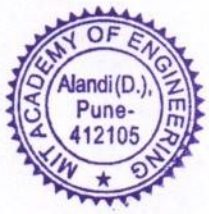
			Use of technology for Data collection	5.00%	Monthly collection of data	IQAC queterly review, Academic Audit, Peer Team Audit	IQAC qurtely meetings Academic Audits conducted, Peer Team Audit conducted
				5.00%	Use of AI and Power BI for Feedback analysis	Use of AI and Power BI in data analytic	In process
4	People	10%	Strengthening IQAC Team	3.00%	1- Expert in Data Analytics	Identification of Associate Dean QA with expertise in Data Analytics	Dr. Vijay Muthekar is identifies as Associate Dean QA/IQAC Coordinator
				4.00%	2- FDP/STTP/Worksh ops on ChatGPT	Upgradation of supporting staff	attended 2 workshops by supporting staff
				3.00%	1 Certificate Program on Business Analytics	IIM Indore Integrated Program in Data analytics	Registered for IIM Indore program: in process



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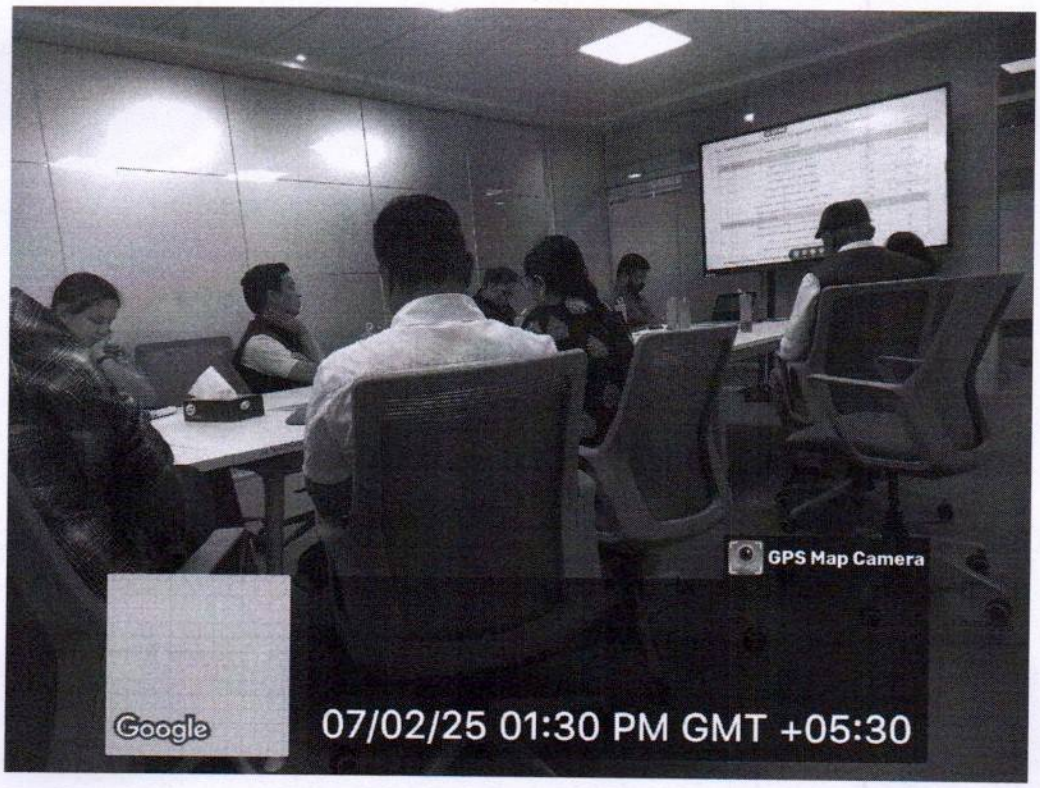

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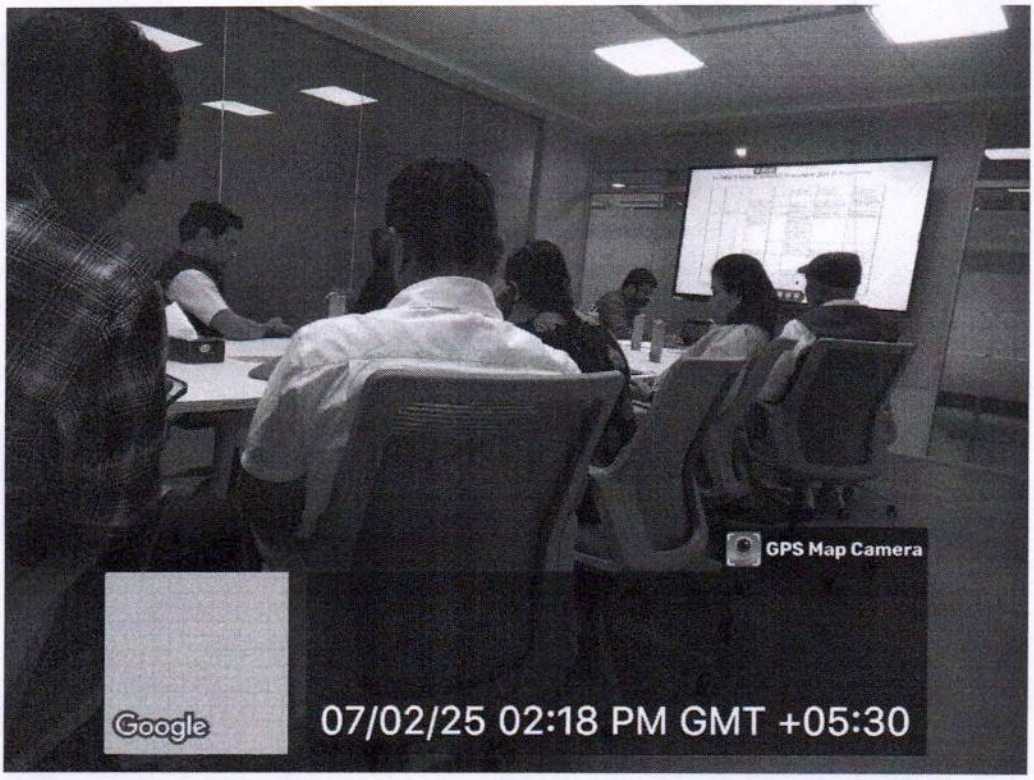

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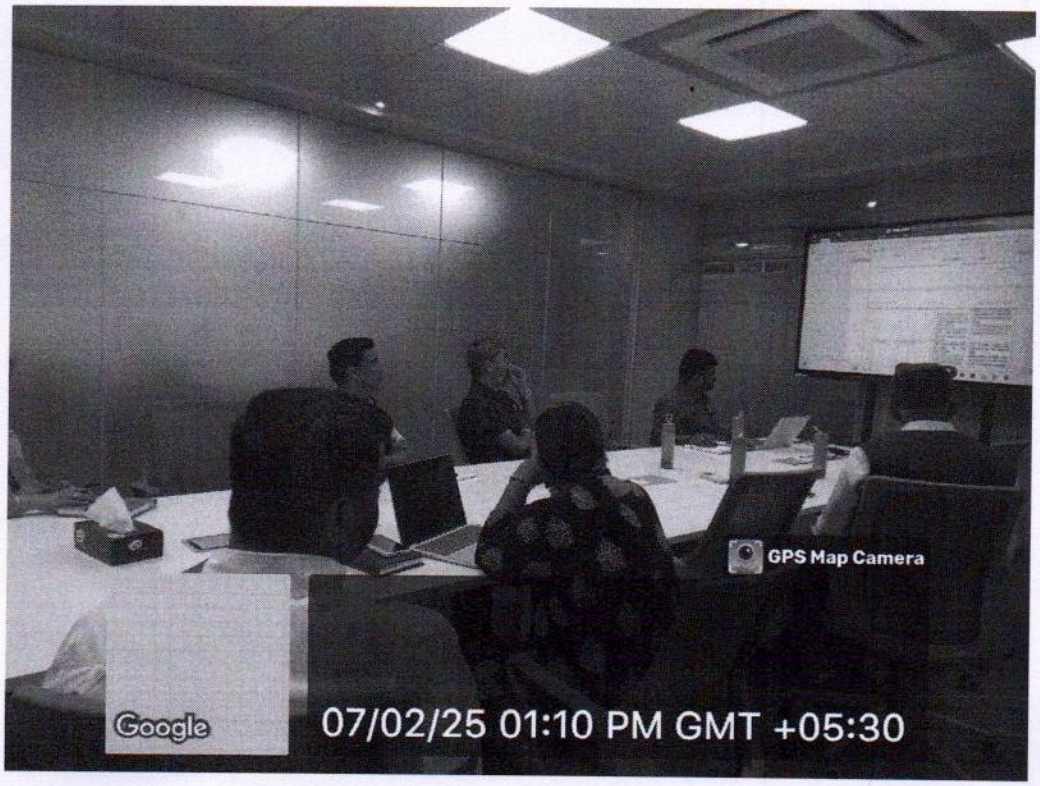

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MIT | Academy of Engineering (An Autonomous Institute)	ATTENDANCE		
Alandi (D), Pune - 412 105	ACADEMIC YEAR	:	2024-2025
INTERNAL QUALITY ASSURANCE CELL	DATE		7th February 2025
	MEETING NO.		IQAC / 2024-25 / 02

Sr. No.	Name	Signature
01	Prof.(Dr.) Mahesh D. Goudar	Online
02	Prof.(Dr.) Shitalkumar. A. Jain	
03	Prof.(Dr.) Sunita S. Barve	
04	Prof. Sunilkumar.M.Bhagat	
05	Prof. Avinash Bhalerao	
06	Prof.(Dr.) Abhijeet Malge	
07	Dr. Vaishali Wangikar	
08	Mrs. Ranjana Badre	
09	Dr. Shyam Shukla	Online
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	
16	Prof.(Dr.) Balasaheb. Waphare	07/02/2025
17	Prof.(Dr.) Anant Chakradeo	
18	Ms. Srushti Jadhav	
19	Mr. Vivek Chavan	
20	Mr. Anil Bhat	
21	Mr. Pravin Pawar	Online
22	Mr. Girish Bora	
23	Dr. Suyogkumar Taralkar	

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24	Mr. Piyush Kumar	
25	Dr. Pramod Kothmire	Pothmire
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