

# **ANNEXURE**

## **7**

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Sl. No.	Criteria Sub Sections
1	7.2 Academic Audit and actions taken during the period of Assessment
2	7.3 Improvement in Placement, Higher Studies, and Entrepreneurship
3	7.4 Improvement in the quality of students admitted to the program

## **Section: 7.2**

### **Academic Audit and actions taken during the period of assessment**

## **PAQIC AUDIT Report Details**

This section highlights the PAQIC audit details, including records of the External Chairperson, Internal Chairperson, and Members.

<b>Academic Year: 2024-25</b>			
<b>Sl. No.</b>	<b>PAQIC</b>	<b>External Chairperson</b>	<b>Internal Chairperson and Members</b>
1.	Odd Sem (Date: 08/11/2024)	Mrs. Brunda N, Human Resources (HR), Nagajuna College of Engineering & Technology (NCET), Bengaluru	1. Mr. Praveen Kumar B C (Chairperson), Assistant Professor, Atria IT 2. Mr. Sachin K G, Assistant Professor, Atria IT 3. Mr. Prashanth Kumar S, Assistant Professor, Atria IT
2.	Even Sem (Date: 23/01/2025)	Mrs. Brunda N, Human Resources (HR), Nagajuna College of Engineering & Technology (NCET), Bengaluru	1. Mr. Praveen Kumar B C (Chairperson), Assistant Professor, Atria IT 2. Mr. Sachin K G, Assistant Professor, Atria IT 3. Mr. Prashanth Kumar S, Assistant Professor, Atria IT

## **PAQIC AUDIT Report Even Sem 2024-25**

This section presents the PAQIC Audit details for the Even Semester of the academic year 2024–25.



Dr . VENKATEGOWDA C <mechhod@atria.edu>

## Invitation for PAQIC Meeting as External Member

3 messages

Dr . VENKATEGOWDA C <mechhod@atria.edu>  
To: brunda muralimohan <brundamurali@gmail.com>

Tue, Jan 21, 2025 at 2:35 PM

Dear Mrs. Brunda Murali ,

Greetings from the Department of Mechanical Engineering, Atria Institute of Technology.

We are pleased to inform you that the department is organizing the PAQIC (Program Assessment and Quality Improvement Committee) meeting, scheduled to take place on **23rd January, 2025 at 10:00 AM**.

We invite and request you to attend the meeting as an esteemed external member for the audit. Your insights and expertise will be invaluable in assessing and improving the quality standards of our programs and requesting your valuable feedback and suggestions. The PAQIC Audit checklist is attached herewith for your reference.

We look forward to your positive response and active participation.

With Best Regards

**Dr. Venkate Gowda C**

**Professor & Head**

Department of Mechanical Engineering

Atria Institute of Technology, Anandnagara

Bengaluru-560024

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### VISION

To be a Centre of Excellence in Mechanical Engineering education and interdisciplinary research to confront real world societal problems with professional ethics.

### MISSION

**M1** - To promote the frontiers of pedagogy amongsts students and develop new paradigms in research.

**M2** - To develop products, processes, and technologies for the benefit of the society in collaboration with industry and commerce.

**M3** - To mold young minds and build a comprehensive personality by nurturing strong professionals with human ethics through interaction with the alumni, experts from academia / industry, research organizations, higher study institutions and area experts



**PAQIC\_Audit\_Checklist.docx**  
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## ATRIA INSTITUTE OF TECHNOLOGY

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(Approved by AICTE, New Delhi, Affiliated to VTU, Recognized by Govt. of Karnataka)

Anandanagar, Bengaluru – 560 024

Department of Mechanical Engineering



Department of  
MECHANICAL ENGINEERING

Date: 24 -01-2025

### Minutes of Meeting of Program Assessment and Quality Improvement Committee (PAQIC) Audit

The PAQIC audit was held on 23<sup>rd</sup> January 2025 from 10:30am to 4:30pm to review the Mechanical Engg. Department files with the agenda are given.

#### Agenda


1. Adherence to Academic and Activity calendar.
2. Curriculum and delivery.
3. Assessment and evaluation - CIA and SEE.
4. Student welfare-Mentoring, counseling, support to slow and fast learners.
5. Alumni Connect
6. Placement and Higher Studies.
7. Course Outcomes and attainment
8. Co-curricular and extra-curricular activities.
9. Project, Internship and Industry connect.
10. Research - Publication, grants, consultancy, patents, start-up.
11. Documents related to affiliation and accreditation.
12. Any other requirements at the program level.


The following PAQIC members have audited the files.

Sl.No	Name	Designation	Role & Responsibility
1	Mr. Praveen Kumar B C	Asst. Professor, Dept of ME ,Atria IT	Chairperson
2	Mr. Sachin K G	Asst. Professor, Dept of CV, Atria IT	Member (Interdisciplinary)
3	Mrs. Brunda N	H R NCET, Bengaluru	Member (External Expert)
4	Prof. Prashanth Kumar S	Asst. Prof. ,Dept of ME,Atria IT	Convener

The flow of the Audit is as follows.

1. Mr. Praveen Kumar B C, Chairperson of PAQIC opened the meeting by introducing the PAQIC members to HoD. Dr. Venkate Gowda C. HoD(ME), welcomed the PAQIC members and presented the highlights of the institute(NBA/NAAC) and ME department. The year wise growth of the department is briefed and asked to begin the inspection.
2. The suggestions and advices of the PAQIC are attached herewith.
3. The exit meeting of the PAQIC was conducted on 23-01-25 at 4.30pm and both the teaching and non-teaching of the ME dept. were present. The committee suggestions were conveyed to staff and advised to work in teams to comply all the suggestions given by the committee.

Prepared by  
  
Mr. Praveen Kumar B C  
PAQIC, Asst. Prof.(ME)

  
Dr. Venkate Gowda C  
(HOD, ME)  
Head of Department  
Mechanical Engineering  
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**ACADEMIC (PAQIC) AUDIT CHECKLIST**

Program Name: Mechanical Engineering

Date: 23/01/2025

Sl. No.	Document	Target	Achieved	Remarks
<b>Program Owner Specific Documents</b>				
1.	Program Approval Letter - AICTE/VTU	Maintained		
2.	LIC/AICTE/NAAC/NBA Accreditation report	Maintained		
3.	MHRD/AICTE/VTU Guidelines	Maintain all the latest curriculum and updating into a single reference guide		
4.	Vision, Mission, PEO, PSO, Dissemination	Disseminated in all required areas		
5.	Faculty and Staff List	Maintained		
6.	Faculty Personal Files	Maintained		
7.	Faculty Deputation Documents	Maintained		
8.	Faculty Achievement/Appreciation Documents	Maintained, some arrangement required		
9.	Faculty Appraisal Report	Not available		
10.	Staff Personal Files	Not maintained in the department		
11.	NBA 32 Program Files	Maintained, some updation required		As per updated NBA criteria
12.	Induction program for new Faculty members	Maintained		
13.	Budget Proposal and Approval File	Maintain the budget approvals, compare with actuals, tabulation and submission report		
14.	Departmental Purchase and Procurement File	Not available		
15.	Departmental Ambience maintenance	Maintain periodic revision plan for maintaining learning space		
16.	Department Activity Calendar	Maintained		
17.	Adherence Report of Departmental Calendar to the Institute Calendar	Maintained, Keep justification report		
18.	Departmental Meeting Records with MoMs.	Maintained		
19.	Faculty-wise Workload Distribution	Maintained		



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20.	Staff-wise Workload distribution	Not maintained the non-teaching staff workload		
21.	Master Timetable /Class timetable	Maintained		
22.	Student List	Maintained		
23.	MoMs of NBA OBE Meetings	Not available		
24.	Co-Curricular Activity Reports	Maintained		
25.	Extra-Curricular Activity Reports	Maintained, encourage students for open for participation		
26.	Industry Visit Reports	Maintained		
27.	Personal File Audit Reports	Maintained, needs some improvement in format		
28.	Course File Audit Reports	Maintained, needs some improvement in format		
29.	Course Outcome Feedback Reports	Maintained		
30.	Alumni Interaction Reports	Maintained		
31.	Placement/Higher studies/Entrepreneur Reports	Maintained		
32.	Adherence to Departmental Activity Calendar Report	Keep properly, highlighting deviations if applicable, reasons for better adherence		
33.	PAQIC Reports (if any)	Maintained		
34.	NBA Audit Reports (if any)			
<b>NBA Coordinator Files</b>				
1.	NBA OBE SAR Document with Evaluation Guidelines	Maintained		
2.	NBA OBE Evaluator Reports	File not found		
3.	NBA Document Formats	Maintained		
4.	List of Criteria-wise Coordinators with details	Maintained		
5.	NBA Criteria Files			
	Criteria-I:			
	I. Vision, Mission, PEO, PSO Formulation:	Maintained		
	SWOC Analysis			



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Criteria-2:	PAC MoMs	Maintained		
	DAC MoMs	Maintained		
	Stakeholders Feedback	File not found		
	Dissemination of Vision Mission, PEOs, PSOs	-		
	1. List of Courses Offered by the Program	Maintained		
	2. List of Modules in the Program with Module Coordinator Details	Maintained		
	3. Course-Module Mapping	-		
	4. University Syllabus with LTP (all courses)	Maintained		
	5. Gap Identification Reports	File not found		
	6. Corrective action for identified Gaps	File not found		
	7. Content beyond the Syllabus designed for addressing the Gaps (with reports)	File not found		
	8. Teaching Learning Process:	-		
	Departmental Activity Calendar	Maintained		
	Adherence Report	-		
	Course-Wise Innovative TLP used (name, semester, topic, audience, mode of delivery, assessment, rubrics designed (if any), target CO and PO, impact analysis of the TLP)	-		
	Activities/Initiatives designed to fulfill the curriculum gaps documentations.	-		
	(a)	-		
	(b)	-		
	(c)	-		
	(d)	-		
	(e)	-		
	Weak Students Identification Process Document	Maintained		
	Tutorial/Remedial Class Reports	Maintained		



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Criteria-3:	Peer Review report on TLP methods used.	Maintained		
	Disseminating the TLP method in website.	Not found		
	9. CIE Documentation			
	CIE guidelines details	Not found		
	Question Paper Moderation documents	Maintained		
	Scheme of Evaluations document	Maintained		
	Answer Sheet Moderation Report	Not found		
	10. Student Projects:			
	Project Guidelines document (including interdisciplinary projects)	Not maintained		
	Team Formation Process report	Not maintained		
	Supervisor Allocation process report	Maintained		
	Report of Project Evaluation guidelines with rubrics	Maintained		
	Best quality project selection process document	Maintained		
	Documents of Projects (Project dairies/Reports/Models/CDs etc.)	Maintained		
	11. Industry Interaction Reports	Maintained		
	12. Internships/Summer Trainings Reports	Maintained		
	1. Course Outcomes Formulation, Mapping with Justification	Maintained		
	2. Course Outcome Attainment Reports	Maintained		
	3. Program Outcome and Program Specific Outcome Attainment Reports	Maintained		
Criteria-4:	1. Enrolment Records	Maintained		
	2. Result Analysis Reports	Maintained		
	3. Placement Reports	Maintained		



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		Placement data	<i>maintained</i>		
		Higher Studies data	<i>maintained</i>		
		Entrepreneurship data	<i>maintained</i>		
		4. Professional Activities details			
		List of Professional Societies/Chapters with details	<i>maintained</i>		
		Technical Magazines/Newsletters with details	<i>Maintained</i>		
		Inter-Institute event student participation details	<i>maintained</i>		
		Activities conducted under professional societies (with appropriate reports)	<i>maintained, reports needs to be ready</i>		
	Criteria-5:	1. List of faculty members with details (regular)	<i>maintained</i>		
		2. List of faculty members with details (contract)	-		
		3. List of Visiting/ Adjunct/ Emeritus faculty members with details	-		
		4. Student- Faculty Ratio (SFR) documents	<i>maintained</i>		
		5. Faculty Innovation details with reports	-		
		6. FDPs/STTPs/Training Activities with reports	<i>maintained</i>		
		7. Research and Development Activity Reports	-		
		8. Faculty Performance Appraisal System	-		
	Criteria-6:	1. Laboratory related Documents	<i>maintained</i>		
		2. Reports of Additional Facilities created to improve the quality of learning experience	<i>maintained</i>		
	Criteria-7:	1. PO-PSO attainment levels	<i>maintained</i>		
		2. List of actions taken (Course-wise) for the improvement of every PO and PSO	-		



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		3. Academic audit reports and actions taken based on the audit suggestions	<i>maintained</i>		
		4. List of actions taken/proposed for the improvement in Placement, higher studies and entrepreneurship	-		
		5. List of actions taken/proposed for the improvement in the admission quality	-		
		6. List of actions taken/proposed for the improvement of the overall program	-		

*[Signature]*  
Expert 1

*[Signature]*  
Expert 2

*[Signature]*  
PAQIC In-charge





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### PROGRAM ASSESSMENT AND QUALITY IMPROVEMENT COMMITTEE (PAQIC) OBSERVATIONS

Program Owner level Documentation	Organize documents into clear sections for easier access and regular review conduct periodic internal audits to identify missing or outdated files.
NBA Coordinator Level Documentation	Ensure all documents comply with the latest NBA guidelines and evaluation criteria.
Faculty Level Documentation	make sure all documents have a consistent format and indexing for easy retrieval.

  
Expert 1

  
Expert 2

  
PAQIC In-charge



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### ACADEMIC (PAQIC) ACTION TAKEN REPORT

Program Name: Mechanical Engineering

Date: 28/01/2025

Sl. No.	Document	Comments	Achieved	Remarks
<b>Program Owner Specific Documents</b>				
1.	MHRD/AICTE/VTU Guidelines	Maintain all the latest circulars and guidelines into a single reference folder.		It is added
2.	Vision, Mission, PEO, PSO, Dissemination	Disseminated in all the required areas		Its Disseminated in all the areas
3.	Faculty Achievement/Appreciation Documents	Maintained. Some arrangements is required		Arranged according to the category
4.	Faculty Appraisal Report	Not available.		Entered online, Hard copy with H R
5.	NBA 32 Program Files	Maintained. Updates are needed.		Files are modified
6.	Budget Proposal and Approval File	Maintain the budget approvals, compare with actual utilization, and maintain report.		Need to be updated
7.	Departmental Purchase and Procurement File	Not available.		Need to be updated
8.	Departmental Ambience maintenance	Maintain periodic review plan for maintaining learning spaces.		its implemented
9.	Adherence Report of Departmental Calendar to the Institute Calendar	Maintained. Keep justification report.		Deviation report added
10.	Staff-wise Workload distribution	Not maintained the non-teaching staff workloads.		It is added
11.	MoMs of NBA OBE Meetings	Not available.		Maintained
12.	Extra-Curricular Activity Reports	Maintained. Encourage students for greater participation.		Documented
13.	Personal File Audit Reports	Maintained, needs some improvement in format.		Periodic review is done
14.	Course File Audit Reports	Maintained, needs some improvement in format.		Periodic review is done
15.	Adherence to Departmental Activity Calendar Report	Keep a report highlighting deviations and propose measures for better adherence.		In process


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NBA Coordinator Files				
2.	NBA OBE Evaluator Reports	File not found		To be documented
3.	NBA Criteria Files			
	Criteria-1: Stakeholders Feedback	File not found		
	1. Corrective action for identified Gaps	File not found		In process
	3. Content beyond the Syllabus designed for addressing the Gaps (with reports)	File not found		In process
	Disseminating the TLP method in website.	Not found		Need to be disseminated
	2. CIE Documentation			
	CIE guidelines details	Not seen		In process
	Answer Sheet Moderation Report	Not found		To be documented
	3. Student Projects:			
	Project Guidelines document (including interdisciplinary projects)	Not maintained		Documented
	Team Formation Process report	Not maintained		In process

  
Mr. Praveen Kumar B C  
PAQIC, Asst.Prof.(ME)

  
Dr. Venkate Gowda C  
(HOD, ME)  
Head of Department  
Mechanical Engineering  
ATRIA Institute of Technology  
Bengaluru - 560024

## **IQAC AUDIT Report Details**



The IQAC audit details include records of the Internal Chairperson, and Members, categorized by academic year and semester.

<b>Academic Year: 2024-25</b>		
<b>Sl. No.</b>	<b>IQAC</b>	<b>Internal Chairperson and Members</b>
1.	Even Sem (Date: 16/04/2025)	1. Dr. Vasanthi S (Chairperson), IQAC Head, Atria IT 2. Dr. Ravichandra K R, Dean Academics, Atria IT
<b>Academic Year: 2023-24</b>		
1.	Odd Sem (Date: 08/02/2024)	1. Dr. Vasanthi S (Chairperson), IQAC Head, Atria IT
<b>Academic Year: 2022-23</b>		
1.	Odd Sem (Date: 20/01/2023)	1. Dr. Vasanthi S (Chairperson), IQAC Head, Atria IT 2. Dr. Shanti Mahesh, Associate Professor, Atria IT 3. Dr. G.V. Prabhushankar, Associate Professor, Atria IT
2.	Even Sem (Date: 04/04/2023)	1. Dr. Vasanthi S (Chairperson), IQAC Head, Atria IT 2. Dr. Dattatreya P M, Associate Professor, Atria IT 3. Dr. G.V. Prabhushankar, Associate Professor, Atria IT

## **IQAC AUDIT Report Even Sem 2024-25**



This section presents the IQAC Audit details for the Even Semester of the academic year 2024-25.


 <b>ATRIA</b> INSTITUTE OF TECHNOLOGY BENGALURU		INTERNAL QUALITY ASSURANCE CELL (IQAC) AUDIT		
Program Name: Mechanical Engineering		Name of Program Head: Dr. VENKATEGOWDA C		Date: 16/04/2025
Sl. No.	Document	Target	Achieved	Remarks
Program Level Documents				
1	Program Approval Letter – AICTE/VTU	Documentation for past 5 Academic Years	✓	Available, Documented
2	LIC/AICTE/NAAC/NBA Accreditation report	Documentation for past 3 Cycles	✓	Documented.
3	MHRD/UGC/AICTE/VTU Guidelines	Documentation for past 5 Academic Years	✓	Documented.
4	Vision, Mission, PEO, PSO, Dissemination	Documentation for past 6 Years	✓	Flow chart available Feedback/exit documents are not clear.
5	Faculty and Staff List	Documentation for past 5 Academic Years	✓	well documented
6	Faculty Personal Files	Documentation for past 5 Academic Years	✓	well documented No Associate Professor available

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**INTERNAL QUALITY ASSURANCE CELL (IQAC) AUDIT**



Sl. No.	Document	Target	Achieved	Remarks
7	Faculty Deputation Documents	Documentation for past 5 Academic Years	✓	No documents
HoD Level Documents				
8	Faculty Achievement/Appreciation Documents	Documentation for past 5 Academic Years	✓	Bosmanth, But teacher Needs improvements.
9	Faculty Appraisal Report	Documentation for past 5 Academic Years	✗	Not available
10	Induction program for new Faculty members	Documentation for past 5 Academic Years	✗	Not available
11	Faculty-wise Workload Distribution	Documentation for past 5 Academic Years	✓	Documented
12	Staff-wise Workload distribution	Documentation for past 5 Academic Years	✓	No clerk/SDA It is badly needed.

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Sl. No.	Document	Target	Achieved	Remarks
13	Master Timetable	Documentation for past 5 Academic Years	✓	Master Timetable is not available
14	Departmental Meeting Records with MoMs.	Documentation for past 5 Academic Years	✓	Meeting no is to be mentioned well documented.
15	<sup>Student</sup> Faculty Feedback and Action Plan Reports	Documentation for past 5 Academic Years	✓	No. of Students Participate is missing.
16	Industry-Institute interactions Reports (MoUs/Collaborations) with impact analysis	Documentation for past 5 Academic Years	✓	Less documented
17	Alumni Interaction/Meeting Reports	Documentation for past 5 Academic Years	✓	Well documented Good!
18	Department Association/Club Activity Reports	Documentation for past 5 Academic Years	✓	No ASME, ISTE activities started

Sl. No.	Document	Target	Achieved	Remarks
19	Laboratory Maintenance and Stock Verification	Documentation for past 5 Academic Years	✓	Good! Combining internal evaluation is average
20	Faculty Publication Details	Documentation for past 5 Academic Years	✓	Good No. 2 Faculty
21	Departmental Magazines	Documentation for past 5 Academic Years	✓	Good. Well maintained
22	FDPs/STTPs/NPTELs/SWYAM Course Certifications <u>organized</u> etc. with reports	Documentation for past 5 Academic Years	✓	NPTEL ✓ FDPs ✓ No STTPs
23	FDPs/STTPs/NPTELs/SWYAM Course Certifications <u>attended</u> etc. with reports	Documentation for past 5 Academic Years	✓	NPTEL ✓ FDPs ✓ Documented
24	Research Center Documents	Documentation for past 5 Academic Years	✓	Well documented

Sl. No.	Document	Target	Achieved	Remarks
25	Consultancy Work Documents	Documentation for past 5 Academic Years	✓	Well documented.
26	Innovation, Product Development and Incubation Details	Documentation for past 5 Academic Years	✓	No innovation No Product development
27	Student Participation Competitions	Documentation for past 5 Academic Years	✓	Less outside State activities. Less Prize won.
28	Student Achievement/Appreciation Documents	Documentation for past 5 Academic Years	✓	Less number
29	Budget Proposal and Approval File	Documentation for past 5 Academic Years	✓	No evidence of sanction & utilization of budget
30	Departmental Purchase and Procurement File	Documentation for past 5 Academic Years	✓	OK
31	Circular Files /NOTE Files	Documentation for past 5 Academic Years	✓	Well documented.

Sl. No.	Document	Target	Achieved	Remarks
32	Departmental Ambience Maintenance	Departmental Facility Tour	✓	Good!
Program Coordinator Level				
33	Department Activity Calendar	Documentation for past 5 Academic Years	✓	Some activities are missing
34	Adherence Report of Departmental Calendar to the Institute Calendar	Documentation for past 5 Academic Years	✓	Good!
35	52 Program Files	Documentation for past 5 Academic Years	Not clear	,
36	Mini Projects and Final Year Project Documents	Documentation for past 5 Academic Years	✓	Poor quality of Projects
37	Internship Reports and Assessment	Documentation for past 5 Academic Years	✓	Less impact analysis



Sl. No.	Document	Target	Achieved	Remarks
38	Seminar/Workshop Details	Documentation for past 5 Academic Years	✓	Well documented
39	Result Analysis Reports	Documentation for past 5 Academic Years	✓	Analysis is done Action taken is missing
	Sem: (5/4)		✓	No Data Given
	Sem: (5/6)		✓	Needs improvement
	Sem: (7/8)		✓	Poor performance at the backlog.
	First Year (1/2)		✓	Action taken is missing
40	CO-PO-PSO Attainment and Action Plan Report		✓	Target fixing is not clear Comparison is Very poor Hence the action taken

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Sl. No.	Document	Target	Achieved	Remarks
41	Co-Curricular and Extra-Curricular Activity and Achievements Reports	Documentation for past 5 Academic Years	✓	Documented
42	Career Guidance Program details (Gate, UPSC/KPSC, Placement, Higher Studies Support system)	Documentation for past 5 Academic Years	✓	GATEs results is given
43	Placement, Higher Studies and Entrepreneurship records	Documentation for past 5 Academic Years	✓	100% 78 - 100% placement
44	Students Publication Details	Documentation for past 5 Academic Years	✓	Very less in number
45	Professional Body Membership Details (Faculty)	Documentation for past 5 Academic Years	✓	Good!
46	Professional Body - Student Chapters Details	Documentation for past 5 Academic Years	✓	SAS, ISPS, etc Can be improved

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Sl. No.	Document	Target	Achieved	Remarks
47	Professional Body Activity Reports	Documentation for past 5 Academic Years	✓	Exists Can be improved
48	PAQIC, PAC and DAC Reports	Documentation for past 5 Academic Years	✓	Documented
<b>Faculty Member Level</b>				
49	Laboratory Manuals	Documentation for past 5 Academic Years	✓	Documented
50	Student List	Documentation for past 5 Academic Years	✓	Documented
51	Staff Personal Files	Documentation for past 5 Academic Years	✓	Documented
52	Innovative Teaching Learning Process Reports	Documentation for past 5 Academic Years	✓	Virtual lab Very less innovation

Sl. No.	Document	Target	Achieved	Remarks
53	CIE relevant documents	Documentation for past 5 Academic Years	✓	Documented Target fixing is not clear
54	Activity-Based Assessment details	Documentation for past 1 Academic Years	✓	Very poor
55	Mentoring Report	Documentation for past 5 Academic Years	✓	Good mentoring. Poor documentation

INTERNAL QUALITY ASSURANCE CELL (IQAC) AUDIT OBSERVATIONS

Program Level Documentation	Mapping of Co-A to needs justification Gap identification is not clear Both individual maturity is accurate. Some activities may be directly mapped to Po's.
HoD Level Documentation	M.O.M. Needs improvement in monitoring meeting no. All faculty are involved in discussion Calendar & events is incomplete. There are missing documents Activities are not mapped to SDG's.
NBA Coordinator Level Documentation	Information is available With little effort it can go to next level. Continuous improvement may be better documented Poor budget documentation.
Faculty Level Documentation	Faculty appraisal is not transparent. No innovation in TLP. Less motivation to faculty to take up research & innovation No Secondary gain to faculty

  
External Expert  
RASHMI KESHAVA  
15/4/25  
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Internal Expert  
16/4/25

  
16/4/25  
(IQAC In-charge)

## Department of Mechanical Engineering

### ACADEMIC AUDIT ACTION TAKEN REPORT

AUDIT DATE -16/04/2025 -EVEN SEMESTER -2024-25

SL.No.	AUDIT QUESTIONS	OBSERVATIONS	ACTION TAKEN	REMARKS
1	Vision, Mission, PEO, PSO, Dissemination	Flow Chart Available Feedback/Input Documents are not clear	Feedback from all the stakeholders will be collected	-
2	Faculty Deputation Documents	No Documents	Requested to HR to create Deputation letter from institute	-
3	Faculty Achievement/Appreciation Documents	BOS Mechanical, Best Teacher Needs improvement	Motivated faculty members for higher performance	-
4	Faculty Appraisal Report	Not available.	Entered online, Hard copy with H R	-
5	Induction Program for New Faculties Members	Not available.	Centralized	-
6	Staff-wise Workload distribution	Not clear/SDA it is badly needed	Requested H R dept. to recruit SDA	-
7	Master Time Table	Master Time Table is not available	It will be updated	-
8	Student Feedback and Action Taken Report	No. of Students Participated is missing	Informed ERP team to provide the feedback with student number	-
9	Industry Institute Interaction Reports (MOU/Collaborations) with impact analysis	Less Documented	It will be updated	-
10	Department Association/Club Activities Reports	No ASME, ISTE Actively reported	It will be updated	-
11	FDPs/STTPs/NPTELs/SWYAM Course Certification organized etc. with reports	No STTPs	Encouraged students to attend interdisciplinary STTPs	-
12	Innovation, Product Development and Incubation details	No innovation and no product development	It will be updated	-
13	Student Participation Competitions	Less outside state participated and less prizes won	Encouraged students to participate interstate events	-



14	Student Achievements/Appreciation documents	Less number	Motivated students for higher performance	
15	Budget Proposal and Approval File	No evidence of sanction and utilization of budget	Centralized, It will be updated	updated
16	Department Activity Calendar	Some activities are missing	It will be updated	—
17	Mini Projects and Final Year Projects documents	Poor Quality of Projects	It will be updated	—
18	Internship Reports and assessments	Less impact analysis	It will be updated	—
19	Result Analysis	Action taken is missing	It will be updated	—
20	CO-PO PSO Attainment and Action Plan Reports	Target fixing is not clear and comparison is poor	It will be updated	—
21	Student Publications	Very less in number	Management is offering honorary to increase the Student Publications	—
22	Professional Body Activity Report	Existing can improved	It will be updated	—
23	Innovative Teaching Learning Process Report	Very Less Innovative	It will be updated	—
24	Activity Based Assessment Details	Very Poor	It will be updated	—

**Note:** Centralized – SL. No - 07, 09, 10, 13, 15, 29, 39

Above mentioned Serial No. Documents should be provided from Centralized

  
**HOD (ME)**  
Head of Department  
Mechanical Engineering  
ATRIA INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 094

  
**IQAC Head**  
IQAC Head  
Atria Institute of Technology  
Anandanagar, Bengaluru - 24



## **Section 7.3**

### **Improvement in Placement, Higher Studies, and Entrepreneurship**

### Industry-Specific Training:

This section outlines the Industry-Specific Training conducted over the past three academic years.

<b>Academic Year: 2024-25</b>			
<b>Sl. No.</b>	<b>Industry-Specific Training</b>	<b>Event Name</b>	<b>Resource Person</b>
1.	Odd Sem (Date: 17/07/2024)	Expert Lecture on Industry-Specific Requirements for Autoliv	Ms. Ansusha L, GET, Autoliv India Pvt Ltd, & Alumna of Atria IT
2.	Odd Sem (Date: 22/11/2024)	Expert Lecture on Industry-Specific Requirements for Inox Air Products Private Limited	Mr. Mohammed Mubarak Baig, Graduate Trainee Engineer, Inox Air Products Private Limited, & Alumnus of Atria IT
3.	Odd Sem (Date: 29/11/2024-03/12/2024)	Expert Lecture on Industry-Specific Requirements for Final Year Students	Mechanical Faculties of Atria Institute of Technology
4.	Odd Sem (Date: 02/12/2024)	Expert Lecture on Industry-Specific Requirements for ACE Designers	Ms. Diyashree Chatterjee, Graduate Trainee Engineer, TATA ELECTRONICS, & Alumna of Atria IT
5.	Odd Sem (Date: 03/12/2024)	Expert Lecture on Industry-Specific Requirements for ACE Designers	Mr Abhishek M, Procurement Engineer, ACE DESIGNERS, & Alumnus of Atria IT
6.	Even Sem (Date: 05-04-2025)	Expert Lecture on Industry-Specific Requirements for AXISCADES	Mr Avinash V, Senior CAE Analyst, AXISCADES, & Alumnus of Atria IT
7.	Even Sem (Date: 05-05-2025)	Expert Lecture on Industry-Specific Requirements	Mr. Harsha U, Sales Manager, Lee Spring, Bengaluru
<b>Academic Year: 2023-24</b>			
1.	Odd Sem (Date: 19/06/2023)	Expert Lecture on Lean Manufacturing to enhance productivity	Dr. M S Rajendra Kumar, Professor, Channabasaveshwar Institute of Technology, Gubbi-Tumkur
2.	Even Sem (Date: 14/02/2024)	Expert Lecture on Development in Design and Automation for Industry 4.0	Mr. Vinay S, Manager-Education Conceptia Konnect, Bangalore
<b>Academic Year: 2022-23</b>			
1.	Odd Sem (Date: 14/12/2022)	Expert Lecture on Latest Technologies in Factory Automation and Robotics	Mr. Muthu Krishnan G, Latest Technologies in Factory Automation & Robotics
2.	Even Sem (Date: 24/04/2023)	Expert Lecture on Innovative Product Development Technologies	Dr. H B Niranjan, Coordinator: Industry-Institute Interactions









## Department of Mechanical Engineering



**SPEAKER**  
*Ms .ANUSHA L,*  
**GET,**  
**Autoliv India Pvt Ltd &  
Alumini of Atria**

**Online Placement Training on**  
**"Industry Specific Training  
for shortlisted students -  
AUTOLIV"**

**17th July 2024 | 6PM – 7 PM**



**Google Meet**

<https://meet.google.com/cvg-eqxf-hnp>

Co-ordinators :	Convenor :	Principal :
<b>Dr.Srikumar Biradar</b> Asst.Professor Dept . of ME	<b>Dr.Venkate Gowda C</b> Professor and Head Dept . of ME	<b>Dr. Rajesha S</b> Principal Atria Institute of Technology

**Ms. Anusha L, a Graduate Engineer Trainee at Autoliv India Pvt. Ltd. and an alumna of Atria IT, delivered industry-specific training to students shortlisted for Autoliv.**

## Alumni-Adopting System:

This section presents an overview of the Alumni-Adopting System as implemented during the past three academic years.

Sl. No.	Academic Year	Alumni Number	Adopted Student Number
1.	2024-25	25	33
2.	2023-24	15	15
3.	2022-23	26	18

Academic Year: 2024-25			
Sl. No.	Alumni Adoptive System	Event Name	Objectives of Engagement
1.	Date: 14 <sup>h</sup> December, 2024 and Venue: Seminar Hall, AIT	Alumni Connect 2024- Alumni Adoptive Ceremony	1. Establish strong alumni-student mentorship bonds to facilitate career guidance, real-world exposure, and personal development. 2. Promote active alumni participation in academic enrichment, placement support, and institutional growth. 3. Foster a lifelong sense of belonging and pride by recognizing alumni contributions and nurturing a collaborative alumni network.
Academic Year: 2023-24			
1.	Date: 16 <sup>th</sup> December, 2023 and Venue: Atria Campus	Alumni Connect 2023- Alumni Adoptive Ceremony	1. Build alumni-student mentoring relationships for career and personal growth. 2. Encourage alumni involvement in academics, placements, and development. 3. Strengthen institutional pride through recognitions and lasting connections.
Academic Year: 2022-23			
1.	Date: 17 <sup>th</sup> December 2022 and Venue: Seminar Hall, AIT	Alumni Meet-2022- Alumni Adoptive Ceremony	1. Strengthen alumni-student engagement through mentorship and guidance. 2. Facilitate knowledge sharing on career paths, industry trends, and higher education. 3. Create a supportive network to enhance students' personal and professional development.



Organised By  
**Mechanical Engineering Department**

Dr. Srikumar Biradar  
Alumni Coordinator

Dr. Venkate Gowda C  
HoD

Dr. Nalinakshi N  
Vice Principal

Dr. Rajesha S  
Principal

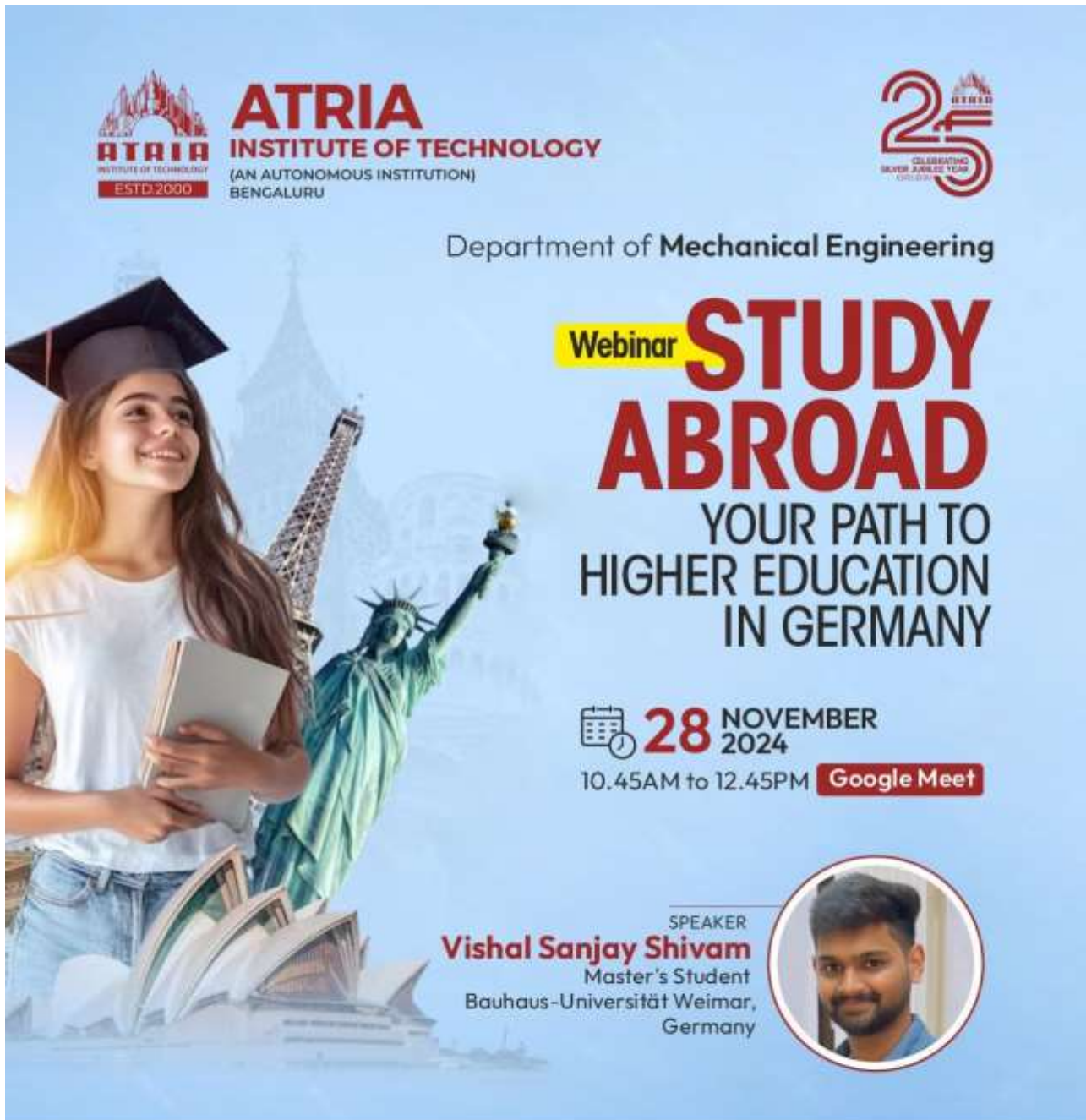
This poster highlights the **Alumni Connect 2024-Alumni Adoptive Ceremony** held on 14<sup>th</sup> December 2024 at the Seminar Hall, Atria Institute of Technology.



## Career-Guidance Session:

This section provides an overview of the Career-Guidance Sessions organized during the past three academic years to support students' professional development.

<b>Academic Year: 2024-25</b>			
<b>Sl. No.</b>	<b>Career Guidance Session</b>	<b>Event Name</b>	<b>Resource Person</b>
1.	Odd Sem (Date:21/11/2024 )	Career Guidance on Data Analytics	Mr. Maheshwar Narayanan, Assistant Vice President, Imarticus Learning, Bangalore
2.	Odd Sem (Date:28/11/2024 )	Study Abroad-Your Path to Higher Education in Germany	Mr. Vishal Sanjay Shivam, Master's student at Bauhaus-Universität Weimar, Germany, & Alumnus of Atria IT
3.	Even Sem (Date: 15/04/2025)	Exploring Career Opportunities for Engineering Graduates	1. Mr. K Chandaillai, Faculty, NTTF 2. Mr. K G Krishnamurthy, Faculty, NTTF 3. Mr. Dattatreya V H, Senior Officer, training, NTTF
<b>Academic Year: 2023-24</b>			
1.	Odd Sem (Date: 06/12/2023)	Career Talk on Global Education Awareness	Mr. Abhilash, Business Development Manager, Nestling, Bangalore
2.	Even Sem (Date: 27/06/2024)	Exclusive Prospect of Career Counselling & Innovative Abroad Educational Programs	Mr. Anupam Dubey, Business Development Manager, Texas Review, Bangalore
<b>Academic Year: 2022-23</b>			
1.	Odd Sem (Date: 19/10/2022)	Entrepreneurship Opportunities in Agri and Allied Sector	Mr. Ashvik K S, Business AGRI-Business Incubation, Center ICAR-NIVEDI, Bengaluru
2.	Even Sem (Date: 19/04/2023)	Carrier Advice for Master's in Finland	Mr. Jeevan Reddy, Chairman & Managing Director-The HOPE.




**ATRIA**  
INSTITUTE OF TECHNOLOGY  
(AN AUTONOMOUS INSTITUTION)  
BENGALURU

Department of **Mechanical Engineering**

Webinar **STUDY ABROAD**  
YOUR PATH TO  
HIGHER EDUCATION  
IN GERMANY

**28** NOVEMBER  
2024  
10.45AM to 12.45PM **Google Meet**

**SPEAKER**  
**Vishal Sanjay Shivam**  
Master's Student  
Bauhaus-Universität Weimar,  
Germany



**Dr. Manjunatha C J & Mr. Rakesh T G**  
Co-ordinators

**Dr. Venkate Gowda C.**  
HoD

**Dr. Rajesha S.**  
Principal

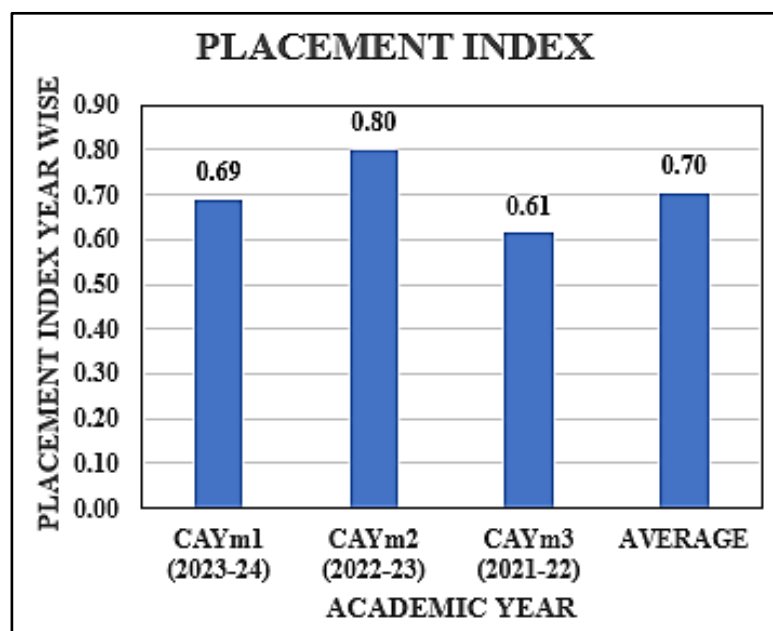


This brochure highlights the career guidance session on ‘**Study Abroad – Your Path to Higher Education in Germany**,’ delivered by **Mr. Vishal Sanjay Shivam**, a Master’s student at Bauhaus-Universität Weimar, Germany, and Alumnus of Atria IT, on **28<sup>th</sup> November 2024**.

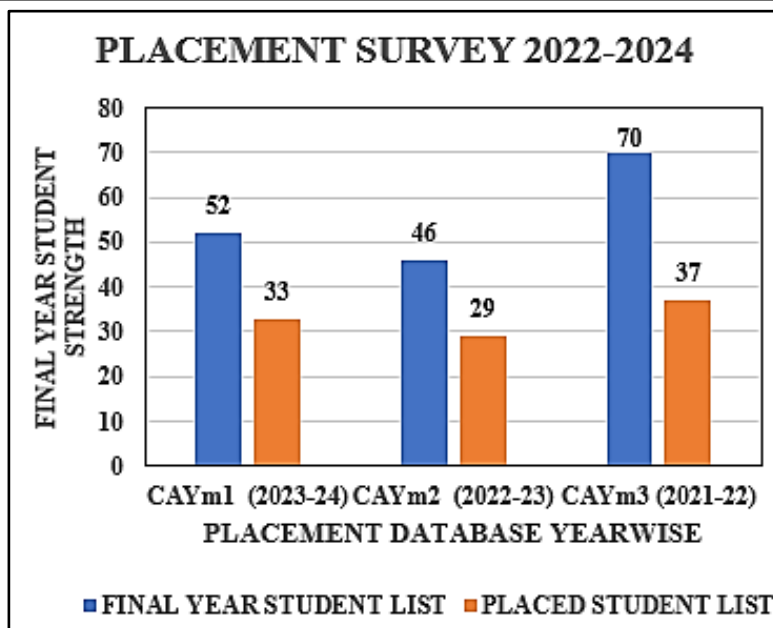
## Improvement in placement, higher studies, and entrepreneurship based on student strength:

This section presents the progress made in student placements, higher studies, and entrepreneurship over the last three academic years.

Placement Survey 2022-2024			
Category	CAYm1 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
Total No. of Final Year Students appeared in final year examination (N)	52	46	70
No. of students placed in companies or Government Sector (X)	33	29	37
No. of students admitted to higher studies with valid qualifying scores (GRE, TOEFL, IELTS, German A1 level etc.) (Y)	2	5	5
No. of students turned entrepreneur in engineering/technology (Z)	1	3	1
Total No. of Students Placed + Admitted for Higher Studies + Entrepreneurs	36	37	43
Placement Index: $(X + Y + Z)/N$	0.69	0.80	0.61
Average Placement Index	0.70		







### Higher Education Details:

Academic Year: 2023-24				
Sl. No.	USN Number	Student Name	University/College Name	Student ID/ Admission Order No./Application No./Member ID
1.	1AT20ME006	AKANKSH S	HMIT College, Chennai, Govt. of India	116766
2.	1AT20ME044	VARUN N	The University of British Columbia, Canada	478432461
Academic Year: 2022-23				
1.	1AT19ME010	DEV VRAT TRIPATHI	NITTE Meenakshi Institute Of Technology, Bangalore	2422077977
2.	1AT19ME015	JOSHUA R	University of Technology Sydney, Australia	342787
3.	1AT19ME016	ANUROOP K K	Jain Deemed to be University, Bangalore	232VMBR00047
4.	1AT19ME037	SRIDHARAN S	B.M.S. College of Engineering, Bangalore	2422095070
5.	1AT20ME401	NAGAPPA	Presidency University, Bangalore	11081
Academic Year: 2021-22				
1.	1AT18ME003	ADWAITH KRISHNA	University of Hertfordshire, England, UK	22028350
2.	1AT18ME004	AISHWARYA S	Arizona State University, United States	1232583796

3.	1AT18ME013	DEEPAK MENON	Universität Rostock, Germany	223100031
4.	1AT18ME046	SUMUKH S KASHYAP	The Bauhaus- Universität Weimar, Germany	2826115
5.	1AT18ME053	VISHAL SANJAY SHIVAM	The Bauhaus- Universität Weimar, Germany	2684027

### Entrepreneurship Details:

Academic Year: 2023-24				
Sl. No.	USN Number	Student Name	Company Name	Regd. No./GSTIN/ CIN
1	1AT20ME040	SYED RASOOL MOHAMMED HUSSAIN	Universal Steel Trading, Bangalore	29BIQPA7494D1ZV
Academic Year: 2022-23				
1.	1AT18ME015	GAGAN V NAIDU	SuperCraft3D, Bangalore	29AHJPL4107D1ZJ
2.	1AT19ME004	AISHWARYA N RAO	EduShaale, Bangalore	29AADCU3898G1ZR
3.	1AT19ME027	P ANISH NAYAK	ROWIN Equipments PVT LTD, Bangalore	29AAACR6308K1Z5
Academic Year: 2021-22				
1.	1AT18ME016	GARVIT GARG	EDUPHOENIX PVT LTD, Bangalore	U80904KA2021PTC150201

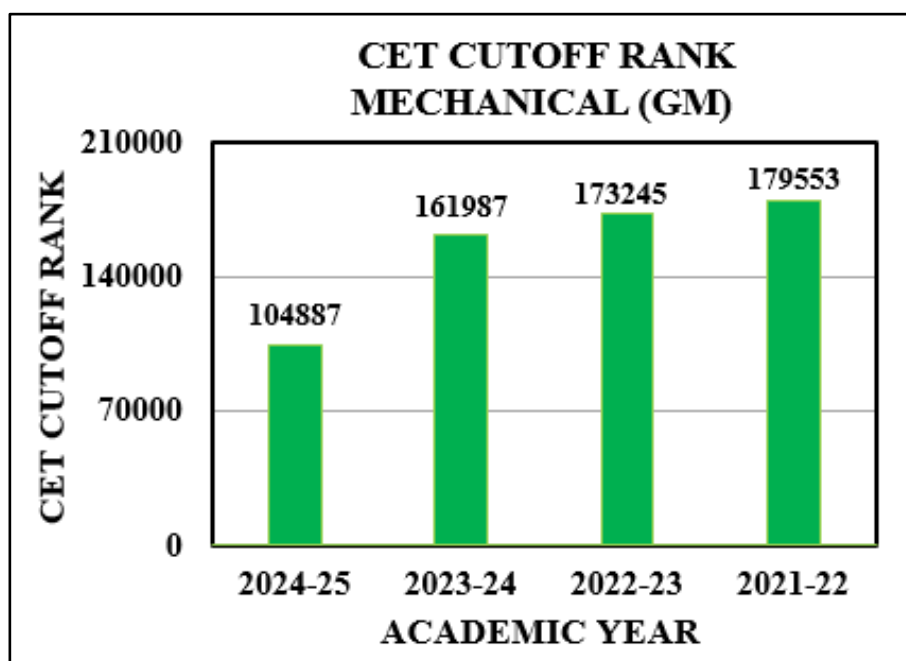
## **Section: 7.4**

### **Improvement in the quality of students admitted to the program**

## CET Cutoff Ranks:

This section highlights the improvement in CET cutoff ranks over the last four academic years, indicating better quality of students admitted to the program.

<b>CET CUTOFF RANK MECHANICAL (GM)</b>	
<b>Academic Year</b>	<b>CET Cutoffs</b>
<b>2024-25</b>	<b>104887</b>
<b>2023-24</b>	<b>161987</b>
<b>2022-23</b>	<b>173245</b>
<b>2021-22</b>	<b>179553</b>



## DCET Cutoff Ranks:

This section highlights the improvement in DCET cutoff ranks over the last four academic years, indicating better quality of students admitted to the program.

<b>DCET CUT OFFS RANK MECHANICAL (GM)</b>	
<b>Academic Year</b>	<b>DCET Cutoffs</b>
<b>2024-25</b>	<b>4263</b>
<b>2023-24</b>	<b>4478</b>
<b>2022-23</b>	<b>4423</b>
<b>2021-22</b>	<b>16803</b>

