Internal Academic Audit Report

1. Profile of the Department

A. Basic Information of the Department:

Name of the Department: Department of Computer Science	
Name of the HOD:	Dr. Malagouda PAtil
Year of established:	2010
Intake:	60
Academic year:	2024-25
No of alumni meeting conducted:	one
No. of AA conducted:	ONE
Contact information for Communication:	mech.hod@aitmbgm.ac.in ; Mob: - 8867220064

B. Number of teaching and non-teaching positions in the Department

Positions	Teaching Faculty						Non- Teaching		Technical staff	
	Professor		Associate Professor		Assistant Professor					
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
2024-25	1	-	1	1	12	-	1	-	4	-

Note: HEI approved List

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C. The number of the students admitted to the Department during the last four academic years.

2023-24	Year 1		Year 2		Year 3		Year 4	
Categories	Male	Female	Male	Female	Male	Female	Male	Female
SC	1	-	6	-	4	-	1	-
ST	2	-	4	-	3	-	1	-
OBC	8	-	15	-	8	-	11	-
General	04	-	23	-	18	-	-	-
Total	15	-	62	-	55	-	32	-

Note: HEI approved List

Suresh Angadi Education Foundation's

ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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AITM

Criterion	Metric No	Items	Verification (yes/No)	Comments	Suggestions for improvement
Academic Performance					
Curricular Aspects	1.1	The department adheres to the academic calendar including for the conduct of CIE	Yes	Satisfactory	NIL (signature are missing)
	1.2	The Department ensures effective curriculum delivery through a well-planned and documented process	Yes	Satisfactory	• Practice Curriculum gap analysis • Go for beyond curriculum
	1.3	Teachers of the department participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last. 1. Academic council/BoS of Affiliating university. 2. Setting of question papers for UG/PG programs. 3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses. 4. Assessment /evaluation process of the affiliating University	Yes	Satisfactory	Satisfactory
	1.4	Percentage of courses in programs in which Choice Based Credit System (CBCS)/ elective course system has been implemented.	Yes	100%	NIL
	1.5	Number of Add on /Certificate programs. offered during the last year.	Yes	Need to increase	Need to improve
	1.6	Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last years	Yes	0%	Need to improve
	1.7	The courses that include experiential learning through project work/field work/internship during the years.	Yes	Need to improve	Need to maintain the evidences course wise
	1.8	Percentage of students undertaking project work/field		100%	NIL

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		work/ internships			
	1.9	Institution obtains feedback on the syllabus and its transaction at the Department from the following stakeholders 1. Students 2. Teachers 3. Employers 4. Alumni		All	NIL
	1.10	Feedback process of the Department may be classified as follows: Options: • Feedback collected, analyzed and action taken and feedback available on website • Feedback collected, analysed and action has been taken • Feedback collected and analysed • Feedback collected • Feedback not collected		Feedback collected	NIL
	2.1	The Department assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners.		Good	NIL
	2.2	Student- Full time teacher ratio		-	NIL
	2.3	Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences		Satisfactory	Improve the percentage of faculty members to practice the Student centric methods, such as experiential learning, participative learning and problem-solving methodologies
	2.4	Teachers use ICT enabled tools for an effective teaching-learning process.		Satisfactory	Keep proper evidences
Teaching-Learning and	2.5	Ratio of mentor to students for academic and other related issues		1:20	NIL
	2.6	Mechanism of internal assessment is transparent and		Good	NIL

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Evaluation		robust in terms of frequency and mode			
	2.7	Teachers and students are aware of the stated Programme and course outcomes of the courses offered by the program.		Satisfactory	NIL
	2.8	Attainment of Programme outcomes and course outcomes are evaluated by the institution.		Satisfactory	Satisfactory
	2.9	Average pass percentage of Students during last years		85%	-
	2.10	Online student satisfaction survey regarding to teaching learning process.		Satisfactory	Satisfactory
Research, Innovations and Extension	3.1	Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last years (INR in Lakhs)		Satisfactory	Need to improve [continuous process]
	3.2	Percentage of departments having Research projects funded by government and non-government agencies during the last years		Satisfactory	Need to improve [continuous process]
	3.3	Number of Seminars/conferences/workshops conducted by the department during the last years		Satisfactory	Need to improve [continuous process]
	3.4	Number of papers published per teacher in the Journals notified on UGC website during the last years		Satisfactory	Need to improve [continuous process]
	3.5	Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last years		Satisfactory	Need to improve [continuous process]
	3.6	The department has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the last years		Satisfactory	-
	3.7	Number of functional MoUs with national and international institutions, universities, industries,		Good	-

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		corporate houses etc. during the last years			
Infrastructure and Learning Resources	4.1	The department has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.		Good	-
	4.2	The number of classrooms and seminar halls with ICT-enabled facilities such as smart class, LMS, etc.		Satisfactory	Enabled facilities such as smart class, LMS, etc in the department
	4.3	department frequently updates its IT facilities including Wi-Fi		Good	
	4.4	Student – Computer ratio		Good	-
	4.5	There are established SOP for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.		Satisfactory	Need to documented
Student Support and Progression	5.1	Capacity building and skills enhancement initiatives taken by the department include the following 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. ICT/computing skills		Satisfactory	Need to improve [continuous process]
	5.2	Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last years		Satisfactory	Need to improve [continuous process]
	5.3	Average percentage of placement of outgoing students during the last years		Satisfactory	Need to improve [continuous process]
	5.4	Average percentage of students progressing to higher education during the last years		Satisfactory	Need to improve [continuous process]
	5.5	Average percentage of students qualifying in state/national/ international level examinations		Satisfactory	Need to improve [continuous process]
	5.6	Describe best practices successfully implemented by the department as per the format provided below.		Satisfactory	Implement the listed best practices properly

1. SWOC and Perspective/Strategic plan of the department:

Strengths:

- The Department of ME has well qualified and dedicated faculty.
- All the laboratories are as per the curriculum and are established on par with state of art technology.
- Regular maintenance and Calibration of all the equipment's are carried out.
- Excellent central library including separate department library and computing, Internet facilities are available.
- Mechanism is available for direct mentoring of students by faculty, interacting with students, and directing them to upgrade their skills.

Weakness:

- Number of volumes and journals in the department library need to be increased.
- The activities through Industry Institution Interaction Cell are to be improved.
- Soft skills and communication skills of students need to be improved.

Opportunities:

- Increased demand of mechanical engineers in Automation sector.
- Possibility of becoming effective and individual entrepreneurs.
- More employment potential in research centers and bodies like CPRI, DRDO, HAL, NAL and other PSU sectors.
- Scope for the development of interdisciplinary projects useful for society.

Challenges:

- Global recession may hamper placement opportunities for students. To come out from this challenge the desired course objectives and outcomes are to be achieved satisfactorily.
- To frame and design an effective Curriculum, Teaching learning methodologies that bridges the gap between Industry and Institution.
- Development of advanced teaching & learning methodologies and evolution, personal interaction by developing smart classrooms and mechanism for effective evaluation.

2. Best Practice(s)/innovations of the department:

Industrial mentorship program

Alumni Interaction

3. Future plans of the Department:

Concentrate on the placement of the students in core companies.

Take up the NBA accreditation at department level.

Get research grants.

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4. Remarks of the Auditing team:

1. In some matrices you have not submitted any information and data so please review such matrix discus with IQAC and come to a final conclusion on those matrices.

2. Concentrate on the R&D, paper publications and alumni interaction.

3. In the above report we highlighted some points with red color and mentioned a few points in the remark column so please incorporate the same in the report.

4. Showing only two best practices in the department is not enough.

5. Remarks of the IQAC:

Audit Report of the department found Satisfactory.

Dr. Anand Deshpande

Dr. Dhanashree Kulkarni

Mr. Ravi Tilaganj
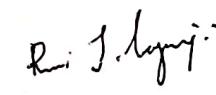
Head of the Department
Mechanical Engineering
Angadi Institute of Technology And Management
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Name & Signature of the HOD with seal:

Name & Signature of the Academic Audit Expert

IQAC
IQAC COORDINATOR
ANGADI INSTITUTE OF
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BELAGAVI - 09.

Principal & Director
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