

# Department of CSE&IT

AY: 2022-23 (ODD Semester)

## Course Closing Report

1. **Programme Name: M.Tech (AIML)**
2. **Semester: I**
3. **Course Name & Code: Advances in AI (21M71CS112)**
4. **Course Coordinator: Dr. Ankit Vidyarthi**

### 5. Course Outcomes:

At the completion of the course, students will be able to,

S.No.	Description	Cognitive Level (Blooms Taxonomy)
C161.1	Understand the characteristics & significance of AI	Understanding Level (Level III)
C161.2	Analyze several AI/ML techniques to yield and process information from open real-world data sources	Analyzing Level (Level II)
C161.3	Apply the concept of Machine Learning for industrial applications	Applying Level (Level IV)
C161.4	Evaluate the use of the Machine Learning algorithms towards pattern mining	Evaluating Level (Level V)
C161.5	Design algorithmic frameworks for solving time series data patterns	Creating Level (Level VI)

## **6. CO-PO and CO-PSO Mapping:**

COs	PO 1	PO 2	PO 3	PSO 1	PSO 2
C161.1	2	2	3	2	3
C161.2	2	2	2	3	3
C161.3	2	3	3	2	3
C161.4	3	3	2	2	3
C161.5	2	2	3	3	3
Avg.	2	2	3	2	3

## **7. CO Attainments in 2022-23:**

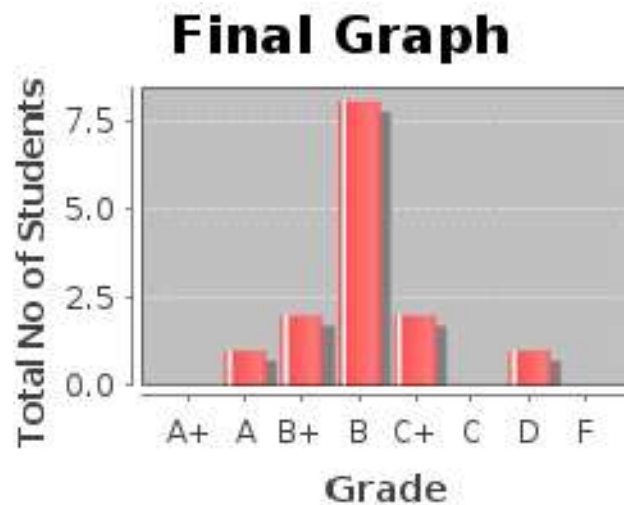
	C161.1	C161.2	C161.3	C161.4	C161.5
	1.8	3.0	1.8	2.6	2.6

## **8. PO-PSO Attainments in 2022-23:**

	PO 1	PO 2	PO 3	PSO 1	PSO 2
Attainment	2.4	2.3	2.3	2.4	2.4

## **9. Summary of Result Analysis:**

	Grade A+	Grade A	Grade B+	Grade B	Grade C+	Grade C	Grade D	Grade F	Grade I
% age of Students	0	7.14	14.28	57.14	14.28	0	7.14	0	0



**10. Innovative Teaching and Learning Method used (if any):**

Project with pre known titles

Implementation of the code from scratch

**11. Innovative Evaluation Strategy used (If any):**

Surprise Tests and Onboard problem solving

**12. Actions Taken for Improvement in CO Attainments:**

COs	Attainments in 2021-22	Action(s) taken in 2022-23 to improve CO attainment	Proof Document(s) attached in Course File	PO 1	PO 2	PO 3	PSO 1	PSO 2
C161.1	NA	NO action required	NA					
C161.2	NA	NO action required	NA					
C161.3	NA	NO action required	NA					
C161.4	NA	NO action required	NA					
C161.5	NA	NO action required	NA					

**13. Actions Taken for Improvement in PO-PSO Attainments:    N/A**

PO-PSOs	Attainments in 2021-22	Action(s) taken in 2022-23 to improve the attainment	Proof Document(s) attached in Course File

**14. Suggestions for Improvement: N/A**

SN	Suggestion	Relevance to CO	Relevance to PO/PSO
1.	Students need the few classes on basic introduction of AI life cycle	CO1	PO1, PO3
2.	Some more realistic examples need to be discussed	CO3	PO2, PO3

**15. Action taken for weak students:**

Action taken for weak students	Proof Document(s) attached in Course File
Extra Assignment was given and extra lecture devoted to discuss the problems	Yes

**16. Action taken for bright students :**

Action taken for bright students	Proof Document(s) attached in Course File
PBL with pre known problem statement	Project Dumps available

**Signature:****Module Coordinator:****Signature:****Course Coordinator:**