


AIT/NBA/ LAB-INDX/ 2024-25		 <b>ACHARYA INSTITUTE OF TECHNOLOGY</b> Bengaluru – 560 107 Department of Artificial Intelligence and Machine Learning Engg.						
<b>Course Title:</b>		MONGODB				<b>Course ID:</b>		C216
<b>Course Code:</b>		BDSL456B	<b>Semester:</b>	4	<b>Section:</b>		<b>ACY:</b>	2024-25
<b>Student Name:</b>					<b>Batch:</b>		<b>USN:</b>	
Sl.	Description of Experiments	Course Outcomes / Marks					Students Sign	
		Attendance	Observation	Record	Viva	Total		
		2	2	4	2	10		
1	Where Clause & Operations in MongoDB - Execute AND, OR, Insert, Query, Update, Delete & Projection.							
2	Selecting & Limiting Fields in MongoDB - Query to select/ignore fields & limit results to 5 documents.							
3	Query Selectors in MongoDB - Execute comparison, logical, geospatial & bitwise selectors.							
4	Projection Operators in MongoDB - Demonstrate \$, \$elemMatch, and \$slice usage.							
5	Aggregation Operators in MongoDB - Execute \$avg, \$min, \$max, \$push, \$addToSet, etc.							
6	Aggregation Pipeline in MongoDB - Use \$match, \$group, \$sort, \$project, \$skip, etc.							
7	Querying Listings & Reviews - Fetch listings with host picture & summarize e-commerce reviews.							
8	Indexes & Query Optimization - Create & optimize unique, sparse, compound, and multikey indexes.							
9	Text Search in MongoDB - Search catalog data, excluding specific words/phrases.							
10	Text Search with Aggregation Pipeline - Implement text search on catalog data using aggregation.							
<b>Average Marks obtained (Scale to - 15)</b>								
Test-1								
<b>Average Laboratory Test Marks ( Scale to - )</b>								
<b>Total of Average Marks obtained (Exp+Test - 10 )</b>								
CIE Marks (IA):				/25				
<b>Course Instructor Name:</b>		MR. MD TAHIR MIRJI			<b>Signature:</b>			