

**CHRIST (Deemed to be University)**  
**Department of Computer Science**  
**MSc – Artificial Intelligence and Machine Learning**

**Course:** MAI172 – Advanced Database Technologies

**Date:** 5<sup>th</sup> September 2024

You are required to create MongoDB collections and insert instances of data relevant to your domain. Based on the inserted data, you need to perform several MongoDB operations and identify various constraints that are suitable for your domain.

1. Design and create relevant MongoDB collections
2. Ensure that your collections have meaningful attributes
3. Identify and define relevant constraints
4. Apply aggregate function ( Minimum 6 ) with logical sense.

Deadline : 6<sup>th</sup> September 2024