2025-2026

Welcome to the 7th Lab session of CO3519 module.

For Two Hours Lab Session:

#	Task	Time (m)	Guidance
A	Please go through the previous Labs sheet, finish the tasks, and get them done.	55	Please finish the tasks that are not completed from the **Week5** and **Week6 Lab sheets.** 1. Understand each intermediate step, read each of them with the given instructions and get the last output which is the single test image. 2. After these, think and explore all these lab tasks further them for your assignment in terms of changing the face detection, features extraction, classification, etc. (**Hint; For features**: [SIFT, SURF, ORB], **For classification**: [Decision tree, SVM, RF, NB]) *(Sources for help can found at the end of this page)* 3. We used accuracy, confusion matrix in the tasks, try to include any other metrics you think to be included. (**Hint**: Precision, Recall, F1-score, etc.) *(Sources for help can found at the end of this page)* 4. Improve the results considering all the possible parameters
	Break	5	
B	Discussion and working on assignment. The percentage given next to the section name shows the weightage of it.	55	This task includes understanding the assignment brief. Discuss in groups (Group of members) the assessment, considering. 1. Introduction (10%) • Discuss for 5 Minutes • Then work on it for assignment. 2. Literature Review (10%) • Discuss for 5 Minutes • Then work on it for assignment. 3. Dataset (10%) • Work on it for assignment. This will cover the first three sections of your assignment.

For One Hour Lab Session:

#	Task	Time (m)	Guidance
A	Please perform the **A** task from the above two hours sessions.	55	See the related guide for it in the above two hours session Task A.

Note: I always recommend downloading the sheet and then you will be able to clearly see each variable/value/alphabet.

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Sources for help: [1], [2], [3], [4], [5], [6]