COURSE TITLE	**TE142344: Intelligent Pattern Recognition** Credits: 2 Semester: II
LEARNING OBJECTIVES	Students understand and are able to explain about intelligent pattern recognition and its applications.
COMPETENCY	• Students can explain concepts and techniques in intelligent pattern recognition. • Students can simulate the concepts in real applications.
SUBJECTS	• Bayesian decision theory • Feature selection • Feature generation • Template matching • Context dependent classification • Clustering
MAIN REFERENCES	• Sergios Theodoridis, Konstantinos Koutroumbas, pattern recognition,2nd edition, Elsevier, 2003.
OPTIONAL REFERENCES	• Duda, Hart, Pattern classification, 2nd edition.
PREREQUISITE	-