MANIPAL INSTITUTE OF TECHNOLOGY
MANIPAL
(A constituent unit of MAHE, Manipal)

SEVENTH SEMESTER B. TECH (ELECTRONICS AND INSTRUMENTATION)
PROCTORED ONLINE END SEMESTER EXAMINATION Dec. 21/Jan. 22
SUBJECT: Multi-Sensor Data Fusion (ICE 4057)

TIME: 75 Min.   **DATE: 24/12/2021**   **MAX MARKS 20**

Note: Answer All questions.

1	A	With necessary diagram, explain recommended revised JDL data fusion framework.	5
	B	Describe Luo-Kay data fusion framework.	3
	C	What is dynamic time warping? What are the constraints of warping path?	2
2	A	Write a note on i) Information filtering ii) Kalman filtering	5
	B	Obtain mutual information expression between two random variables.	3
	C	Discuss the four scales of measurement.	2