



# 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: FARM AUTOMATION (ICE-4307)

TIME: 75 Mins

DATE: 01/03/2021

MAX MARKS 20

**Note: Answer All questions.**

1	A	What are the tools and equipment used in precision farming? Explain.	4
	B	What is the scope of farm mechanization in India?	3
	C	What are the components of a roof top rain water harvesting system? Explain briefly.	2
2	A	What are the main components of the MOSAICC platform? Explain with block diagram.	5
	B	What is a green house? What are the salient features in it? Explain.	3
	C	Explain the water conveyance system with the help of a neat diagram.	3