

# Manipal School of Information Sciences, MAHE, Manipal

## Fast Track C Program (Online Mode: MS Teams)

Module / day	Topics	Date	Session 1	Session 2
1	Introduction to CodeBlocks, C compilation model, data types, Arithmetic Operators, Logical and Relational Operators, functions, assertions.	05-Sep	9.30am - 10.30 am	10.45 am - 12.30 pm
2	Variables scope and life, conditional statements, iterative statements	06-Sep	9.30am - 10.30 am	10.45 am - 12.30 pm
3	Functions - pass by reference, Recursive functions and Macros	07-Sep	9.30am - 10.30 am	10.45 am - 12.30 pm
4	Arrays - One and two dimensional, Strings	08-Sep	9.30am - 10.30 am	10.45 am - 12.30 pm
5	Problem solving based on topic 2, 3 and 4	09-Sep	9.30am - 10.30 am	10.45 am - 12.30 pm
6	Structures and Unions	13-Sep	9.30am - 10.30 am	10.45 am - 12.30 pm
7	Pointers - dynamic allocation using malloc and calloc, pointer arithmetic.	14-Sep	9.30am - 10.30 am	10.45 am - 12.30 pm
8	Problems on pointer and structures	15-Sep	9.30am - 10.30 am	10.45 am - 12.30 pm
9	File handling - text mode and binary mode	16-Sep	9.30am - 10.30 am	10.45 am - 12.30 pm

**Note: From 13th Sept, 2022 labs will be scheduled in offline mode at MSIS lab between 2.00 pm to 4 pm.**