



KIET School of Pharmacy

organizing

One week Student



Development Programme cum-Summer School on the topic

**“Learning “C” Program:
First Step towards Artificial Intelligence
(6th , July to 11th July, 2020)**



Prof. Jagannath Sahoo
Principal
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Registration details:

<https://forms.gle/4dLLAAu9ozCXpiAY9>

For any query

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e-certificates for all the attendees

Schedule

S. No	Day/Date	Timing	Event/Topic
1.	Monday (6-7-2020)	10:00 to 10:30 am	Inauguration and welcome address
2.	Monday (6-7-2020)	10:30 am to 12:00 noon	Technical Session <ul style="list-style-type: none"> • What is C Language • Why C Language • Future in C Language • Installation of C
3.	Tuesday (7-7-2020)	10:00 am to 12:00 noon	<ul style="list-style-type: none"> • Operations On Bits in C Language with practical • Bitwise Operators with practical • One's Complement Operator with practical
4.	Wednesday (8-7-2020)	10:00 am to 12:00 noon	<ul style="list-style-type: none"> • While Loop in C Language with practical • Do-While Loop in C Language with practical • Break in C Language with practical
5.	Thursday (9-7-2020)	10:00 am to 12:00 noon	<ul style="list-style-type: none"> • What are Arrays in C Language • A Simple Program Using Array • How to Initialize Array in C Language with practical
6.	Friday (10-7-2020)	10:00 am to 12:00 noon	<ul style="list-style-type: none"> • What is Structures in C Language • Why Use Structures in C Language • Declaring a Structure in C Language with practical
7.	Saturday (11-7-2020)	10:00 am to 12:00 noon	<ul style="list-style-type: none"> • File Opening Modes • Summary • Open discussion

			<ul style="list-style-type: none"> • Feedback and Felicitation ceremony
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7.

Tentative Schedule

Date: 6th-11th July 2020

Days	Tentative Topics to be covered	Actual topics Covered
Day 1 Monday 10:00 AM to 12:00Noon	<ul style="list-style-type: none"> • What is C Language • Why C Language • Future in C Language • Installation of C • Output statement of C with practical • What is Data Types in C Language with practical • Integers, long and short in C Language with practical • Integers, signed and unsigned in C Language with practical • Chars, signed and unsigned in C Language with practical • Floats and Doubles in C Language with practical • Constants in C with practical • Variables in C with practical • Keywords in C with practical • How to get input from user with practical • How to display output to user with practical • Summary 	
Day 2 Tuesday 10:00 AM to 12:00Noon	<ul style="list-style-type: none"> • Operations On Bits in C Language with practical • Bitwise Operators with practical • One's Complement Operator with practical • Right Shift Operator with practical • Left Shift Operator with practical • Bitwise AND Operator with practical • Bitwise OR Operator with practical • Bitwise XOR Operator with practical • IF-Else Statement in C Language with practical • Switch in C Language with practical 	

<p>Day 3 Wednesday 10:00 AM to 12:00Noon</p>	<ul style="list-style-type: none"> • for Loop in C Language with practical • While Loop in C Language with practical • Do-While Loop in C Language with practical • Break in C Language with practical • Continue in C Language with practical • What is a Function in C Language with practical • Passing Values between Functions in C Language with practical • Call by Value in C Language with practical • Call by Reference in C Language with practical 	
<p>Day 4 Thursday 10:00 AM to 12:00Noon</p>	<ul style="list-style-type: none"> • What are Arrays in C Language • A Simple Program Using Array • How to Initialize Array in C Language with practical • Pointers and Arrays in C Language with practical • Two Dimensional Arrays in C Language with practical • Initializing a 2-Dimensional Array with practical • Pointers and 2-Dimensional Arrays with practical • Pointer to an Array with practical • Passing 2-D array to a Function with practical • Array of Pointers with practical • An Introduction to Pointers • Pointer Notation in C Language • What are Strings in C Language • Functions of String Library 	
<p>Day 5 Friday 10:00 AM to 12:00Noon</p>	<ul style="list-style-type: none"> • What is Structures in C Language • Why Use Structures in C Language • Declaring a Structure in C Language with practical • Uses of Structures with practical • File Input/Output in C Language with practical • File Operations in C Language with practical • Opening a File in C Language with practical 	

	<ul style="list-style-type: none"> • Reading from a File in C Language with practical • Closing the File in C Language with practical • A File-copy Program in C Language • Writing to a File in C Language with practical • File Opening Modes • Summary 	
<p>Day 6 Saturday</p> <p>10:00 AM to 12:00Noon</p>	<p>Open Discussion & felicitation</p>	