



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (UGC-AUTONOMOUS)



Affiliated to JNTUA, Anantapuramu & Approved by AICTE, New Delhi
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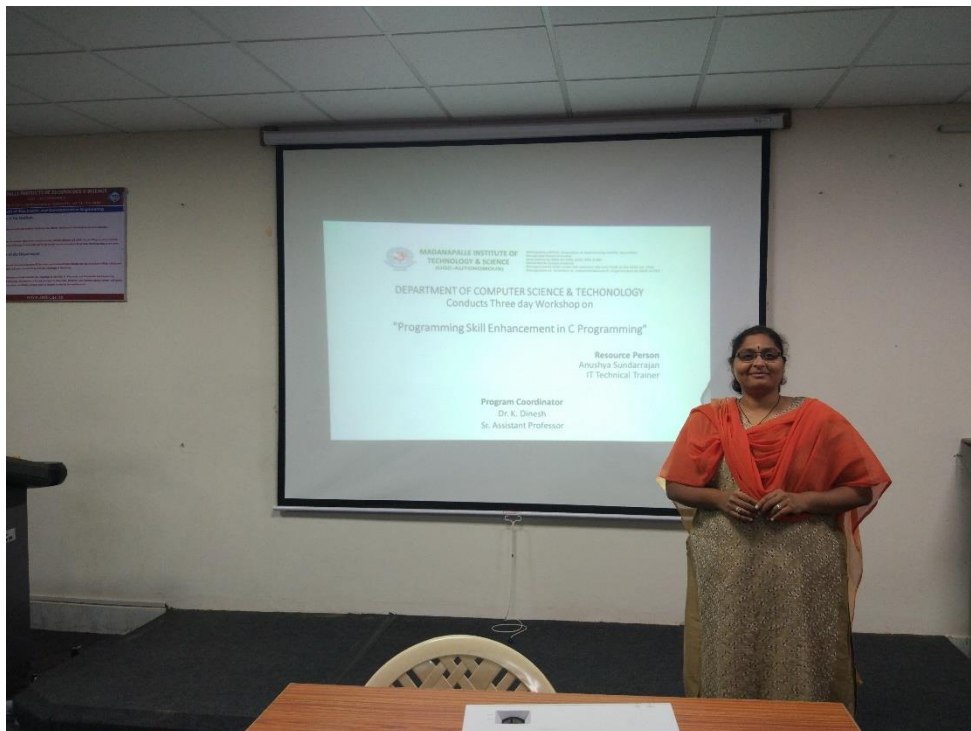
Department of Computer Science & Technology

Report on

Workshop titled

Programming Skill Enhancement in C Programming

18/10/2019 to 20/10/2019



Submitted by: Dr. K. Dinesh, Senior Assistant Professor/CST, MITS, Madanapalle

Resource Person: Ms. Anushya Sundarrajan, IT Technical Officer, HiMate Soft Solutions Pvt. Ltd.

Department of Computer Science & Technology in collaboration with TEQIP-II organized three days' workshop on "Programming Skill Enhancement in C Programming" on 18/10/2019 to 20/10/2019 and students to understand the C programming basics and its different types of datatypes.

Attended: B.Tech III Year CSIT & IT (Total Number: 62)

The three days' workshop was started at 09:30AM. The webinar was initiated by Dr. K. Dinesh, Senior Assistant Professor, CST Department. The Resource person **Ms. Anushya Sundarrajan** was introduced by Dr. M. Sreedevi, Professor & Head-CST Department.



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The resource person addressed the gathering about the C Programming – Overview

Training Session - 18/10/19 to 20/10/19

Duration : 3 days

Program : C Language

Topics Covered

- **Chapter 1:** Overview of Programming Language
 - What is a Program?
 - What is a Programming Language?
 - Why do we need a Programming Language?
 - Popular Programming Languages in the Market today
 - Algorithms
 - Flowcharts
- **Chapter 2:** Overview of C Programming Language
 - A Brief history of Programming Language
 - Compiler vs Interpreter
 - History of C
 - C is a Middle-Level Language
 - Environment Setup
 - Working with Turbo C
 - Working with Codeblocks
 - Working with DevC++
 - Working with Online Compilers
 - Basic Structure of a C Program
 - Program - Compilation
 - Program - Execution
- **Chapter 3:** Basics of C programming
 - Identifiers
 - Keywords
 - Comments
 - Data Type
 - Variables
 - Constants
 - Managing Input and Output Operations
 - Reading and Writing a Character
 - Reading and Writing a String
 - Formatted Input – scanf()
 - Formatted Output – printf()
 - Operators
 - Arithmetic Operators
 - Relational Operators
 - Logical Operators
 - Assignment Operators
 - Unary Operators
 - Bitwise Operators
 - Conditional Operator - ?:
 - Operator Precedence
 - Control Statements
 - Decision Making
 - Simple If Statement
 - If-else Statement
 - Nested If Statements



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- Else-If ladder
- Switch Statement
- Looping
 - While Loop
 - Do-While Loop
 - For Statement
- Jump Statements
 - GOTO Statement
 - break Statement
 - continue Statement

Feedback: The participants were moreover passionate to know about C programming.

The session was concluded followed by a vote of thanks which was given by Dr. K. Dinesh, Senior Assistant Professor, CST.

Event photos:



Shot on OnePlus
By ManuSathirak



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