AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE. Permanently Affiliated to JNT University Kakinada,
Accredited by NAAC and Recognized under 2(f) &12 (b) by UGC, New Delhi)
Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

Dt: 15th Jan, 2019.

CIRCULAR

On behalf of the Computer Science Engineering Department, AIET is encouraging twelve weeks NPTEL certificate course on **"Problem solving through Programming in C"** from 22nd January 2019 to 16th April 2019 for all the I Year students of Computer Science and Engineering Department .I advice to all the students of I Year CSE to enroll your details for above course. For more details you may consult course coordinator V.Trinadh, Assistant Professor, CSE

Resource Person: Dr. Anupam Basu

Professor

NPTEL

IIT, Kharagpur

G.Satyanarayana
Dr.G.Satyanarayana

Head of the Department

Computer Science and Engineering

Avanthi Institute of Engg & Technology
Tamaram, Makavarapalem Md
Visakhapatnam District, Pin-531113

Copy to: Principal, AIET

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Problem solving Through Programming in C

Duration:22/1/2019 To 16/4/2019

SYLLABUS

Week 1: Introduction to Problem Solving through programs, Flowcharts/Pseudo codes, the compilation process, Syntax and Semantic errors, Variables and Data Types

Week 2: Arithmetic expressions, Relational Operations, Logical expressions; Introduction to Conditional Branching

Week 3: Conditional Branching and Iterative Loops

Week 4: Arranging things : Arrays

Week 5: 2-D arrays, Character Arrays and Strings

Week 6: Basic Algorithms including Numerical Algorithms

Week 7: Functions and Parameter Passing by Value

Week 8: Passing Arrays to Functions, Call by Reference
Week 9: Recursion

Week 10: Structures and Pointer

Week 11: Self-Referential Structures and Introduction to Lists

Week 12: Advanced Topics

G.Satyanarayana
Dr.G.Satyanarayana

Head of the Department

Computer Science and Engineering
Avanthi Institute of Engg & Technology
Tamaram, Makavarapalem Md
Visakhapatnam District, Pin-531113

Coordinator

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Problem Solving Through Programming in C
Dated :22/01/2019 To 16/4/2019

I B.Tech STUDENTS ENROLLED LIST

S.NO	ROLL NO	NAME OF THE STUDENT
1	18811A0511	SOWMYA ALB
2	18811A0515	GOLTI SAI KOTI MEGHANA
3	18811A0521	GURE CHANDRIKA
4	18811A0533	KEERTHI TEJASWI
5	18811A0539	LALAM SASIPRIYA
6	18811A0541	MAJJI SAI LAKSHMI
7	18811A0548	PENUGUNTLA DIWAKARA SWAMY
8	18811A0553	SALAPU NEELIMA DURGA BHAVANI
9	18811A0557	SIRUVURI VENKATAPATHI RAJU
10	18811A0563	VILLURI SATYA SAI
11	18811A0570	UDDAGIRI SAI KISHORE
12	18811A0571	VUTA GANA SUDHEER RAJU

Coordinator

G. Satyanarayana.

HOD

NPTEL Online Certification

This certificate is awarded to

SOWMYA ALB

for successfully completing the course

Problem Solving Through Programming In C

with a consolidated score of **41** %

Online Assignments	23.50/25	Proctored Exam	17.25/75

Total number of candidates certified in this course: **9254**

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jan-Apr 2019
(12 week course)

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION
swayam