



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

Dr. 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



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

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

Coordinator

Dr. 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



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


HOD

Avanathi Institute of Engg. & Technology
Tamaram, Makavarapalem Md.,
Visakhapatnam District, PIN-531113



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



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**

Jan-Apr 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur

