Short Term Faculty Training Programme
"Programming in C and Data Structures"
(03-09-2012 to 08-09-2012)

Jointly Organized By:
J.N.T. University, Anantapur
and
Department Of Information Technology
Sree Vidyanikethan Engineering College, Tirupati

with Financial Assistance from **APSCHE, Hyderabad**

A BRIEF REPORT

"Programming in C and Data Structures" is a very important subject for teachers and students of Engineering colleges. The subject brings out logical thinking in the student. Unlike other conventional subjects, student should use imagination power to understand and appreciate the subject. The subject also develops practical skills of programming in the student. Once the student gains the understanding of theoretical and practical concepts, he or she will be able to write programs for real world requirements and also execute the same in practical classes.

Dr.V.V.Rama Prasad, Professor and Head of I.T department and Coordinator has designed the programme in consultation with the stake holders for the six day short term training programme on **"Programming in C and Data Structures"** subject. The Department of Information Technology, Sree Vidyanikethan Engineering College has conducted the Short Term Faculty Training Programme from 03 to 08 September,2012 for teachers of J.N.T.U.A affiliated Engineering Colleges of Chittor and Nellore Districts. **Dr.P.C.Krishnamachary, Principal,SVEC** acted the convener of the programme. Well experienced and learned resource Persons have been drawn from both industry and academia. A total of 71 faculty members from Computer Science and I.T related departments have participated in the training programme.

The training program was inaugurated on 03-09-2012 at 9.30 A.M. by Prof. B. Uma Maheswar Gowd, Rector, JNT University,Anantapur. Dr.P.C.Krishnamachary, Principal, SVEC, Deans of various faculties, Heads of different departments, and faculty members from various Engineering Colleges participated in the inaugural function.

DAY-1 (03-09-2012)

The first session of the program was **"Basics of C language"**. This was handled by Dr.R.Md.Shafi, Professor, SVEC. A few doubts from the participants were clarified. The afternoon session **"Control Structures Branching & Loops"**, was dealt by Dr. Ms. K. UshaRani, Associate Professor of Computer Science, SPMVV,Tirupati. The Last session of the day was Practical Session on **"C Programming"**.

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SREE VIDYANIKETHAN ENGINEERING COLLEGE
Sree Sainath Nagar, A.RANGAMPET
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DAY-2 (04-09-2012)

The first session was on "Bit-**Wise Operations I/O Operations ,Arrays**" Handled by Mr.M.Sudhakar, Software Engineer, Lanco industries Ltd ,Srikalahasti. The Second session was "**Functions and Pointers**" by Mr. P. Neelakantan, Professor of CSE,SVCET, Chittor. The first session in afternoon was on the topic "**Recursion**". The Participants were very much impressed by the variety of problems choosen for discussion. The Last session of the day was Practical Session on "**C Programming**".

DAY-3 (05-09-2012)

The first session was on "**Structures and Unions**" handled by Dr.R.Md.Shafi, Professor, SVEC. The second session was on "**Dynamic Memory Handling & File I/O**" by Mr.A.Srinivasulu, Associate Professor of IT,SVEC. The afternoon session was "**Preprocessor and Commands**" by Mr. B.Narendra Kumar Rao, Associate Professor of CSE,SVEC. The Last session of the day was Practical Session on "**C Programming**".

DAY-4 (06-09-2012)

The day started with the session on "**Stacks and Queues**" by Dr. M. Usha Rani, Associate Professor of CSE,SPMVV, Tirupati. The participants were very keen to listen to his topic.The Second session was on "**Singly Linked, Doubly Linked and Circular Linked list** " by Dr. P. Chenna Reddy ,Professor of CSE,JNTCEA, Pulivendula. The two sessions in Afternoon were Practice sessions. Participants were able to execute programs related to "Stacks, Queues and Linked lists" .

DAY-5 (07-09-2012)

The day started with another distinguished resource person from JNTUCEA, Anantapur Dr. C. Shoba Bindhu, Associate Professor of CSE .She handled the first session on "**Stacks and Queues using Linked List**". Next session in forenoon was on the topic "**Introduction to Data structures, Time and Space Complexities** " by Dr. M. Padmavathamma, Professor of CSE, S.V. University. The afternoon session was on "**High Performance C & Applications** "by Dr.Amith P Kesarkar, Scientist-SD, NARL, Gadanki. He clearly dealt the finer points of the subject with some examples. The Last session of the day was Practical Session on "**C Programming**".

DAY-6 (08-09-2012)

The last day started with a session on "**Searching and Sorting**" by Shaik Munwar, Associate Professor of IT, SVEC. The next session was on "**Trees and Graphs** "by Mr.P. Srinivasa Reddi, Associate Professor of IT, SVEC. He clarified various doubts expressed by participants. In the afternoon session a test for participants was conducted on all the topics covered on all days.

In the afternoon, feedback was collected from the participants in prescribed forms. All the participants expressed their full satisfaction satisfied with the training programme during the Valedictory Which. It is very fortunate to have distinguished Professor Dr. K. Lal Kishore, Vice-Chancellor, JNTUA, Anantapur as the chief guest for the Valedictory function. Dr. P. C. Krishnamachary, Principal, SVEC, Dr. V. V. Rama Prasad, Coordinator, other Directors, Various Heads of Departments, Teaching Staff, Press and media graced the occasion. Certificates were distributed to all the participants. Dr. V. V. Rama Prasad, Coordinator Proposed vote of thanks for the Six day Program

Course material and CD containing the lectures were distributed to all the participants. Working lunch and snacks were provided on all the days of training to all the participants, Resource persons and supporting staff.

In their feed back, 70% of the participants rated the programme as excellent and 30% as very good

It is strongly felt that the objective of conducting this programme is achieved. SVEC is very much thankful to JNTUA and A.P.S.C.H.E for providing such an opportunity to improve the quality and technical competence of the faculty members of its affiliated colleges. The college plans to organize many such programmes, under the support of JNTUA and APSCHE in future.

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