APSSDC Workshop on Problem Solving Skill Using C

1. Objective of the Event: The Main objective of this workshop is to make the students logically and practically aware about: How to improve problem solving skills using C programming and How to think logically to design a solution.
2. About the Program/Event: A Workshop on Problem Solving Skill Using C for I ECE students by APSSDC.
3. Details of External Participants: NIL
4. Details of Resource Person1 :
   a. Name: Mr. N Subbareddy
   b. Address: Dept of Skill Development, APSSDC.
   c. Qualification: MCA
   d. Designation: Software Trainer cum Developer
   e. No of Patents: Nil
   f. No of Publications: Nil
   g. Years of Experience:3
   h. Awards: Nil

   Details of Resource Person 2:
   a. Name: Mr. Ch. Ramesh
   b. Address: Dept of Skill Development, APSSDC.
   c. Qualification: MBA
   d. Designation: Software Trainer cum Developer
   e. No of Patents: Nil
   f. No of Publications: Nil
   g. Years of Experience:3
   h. Awards: Nil

   Details of Resource Person 3:
   a. Name: Mr. Ch. Ramesh
   b. Address: Dept of Skill Development, APSSDC.
   c. Qualification: MBA
   d. Designation: Software Trainer cum Developer
   e. No of Patents: Nil
   f. No of Publications: Nil
   g. Years of Experience:3
   h. Awards: Nil

   Details of Resource Person 4:
   a. Name: Mr. Ch. Ramesh
   b. Address: Dept of Skill Development, APSSDC.
   c. Qualification: MBA
   d. Designation: Software Trainer cum Developer
   e. No of Patents: Nil
   f. No of Publications: Nil
   g. Years of Experience:3
   h. Awards: Nil
5. Venue of the Event: Auto cad Lab , E-cad Lab, and APSSDC lab KKR & KSR Institute of Technology & Sciences
6. Date & Time of the Event:04-11-19 to 09-11-19 & 11-11-19 to 16-11-19

7. No of Students Participated: 262
8. Year, Branch & Section of Students: I Year, ECE A, B, & C, MECH and EEE
9. No of Faculties Participated:10
10. One Student Member Feed Back:

I am B. Deepak Bhavani (19JR1A0440) of I ECE- I section and I am very happy to share my experience of the workshop on Problem Solving Skill Using C. First of all I would like to thank our management and Department of S&H for arranging such a wonderful workshop on of the basic areas of problem solving. A computer cannot solve a problem on its own. One has to provide step by step solutions of the problem to the computer. In fact, the task of problem solving is not that of the computer. It is the programmer who has to write down the solution to the problem in terms of simple operations which the computer can understand and execute. In order to solve a problem by the computer, one has to pass though certain stages or steps. During workshop, our trainers explained fundamental programming concepts, control statements, iterative statements, arrays, strings, functions, structures, unions and pointers concepts with many of example programs using C language. Finally, this workshop helps me to improve problem solving skill and logical thinking.

11. Promotion of the Event on the Social Media Website: Yes
12. Promotion of the Event on the University/College Website: Yes
13. Event Photographs:

14. 1-2 minutes video of the Event:

15. Benefit in terms of learning/Skill/Knowledge obtained:

Everybody can benefit from having good problem solving skills as we all encounter problems on a daily basis. Some of these problems are obviously more severe or complex than others. It would be wonderful to have the ability to solve all problems efficiently and in a timely fashion without difficulty, unfortunately though there is no one way in which all problems can be solved. Problem solving skill using C workshop is designed to meet the requirements of first year undergraduate students. The main benefit is to improve critical thinking in students in order to obtain effective solution for given problem. By improving problem solving skill and logical thinking, the students can develop solutions for critical problems also. This workshop also covers majority of their regular academic syllabus of Programming for problem solving using C subject. The problem solving skills learned in this work shop are useful to develop many real time applications in future.

16. Expenditure Amount: 70,000/-

17. Remarks: NIL

18. Experiences and Output of the Session:

Problem solving skill using C workshop gives very good practical experience on programming to the students. This workshop explained the definition of problem, and

how to analyze given problem, how to design step by step solution, and finally how to develop program using C. This workshop improves logical thinking and practical knowledge on programming for students. Now they were able to develop solutions for critical problems also. To encourage problem solving skill in students, after completion of workshop we conducted "Problem Solving using C" competition. In this competition students were able to apply the knowledge and skills acquired during the workshop to build and develop an effective solution for given problems.