

**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**COMPUTER SOCIETY OF INDIA**



**SVCE STUDENT CHAPTER**



**REPORT**

**Technical Training in C**

On 23.11.2020 , CSI-SVCE student's chapter organised a Technical training on C programming for third year CSI- volunteers. **Mr.V.Ranjith (IT), Mr.M.P.Lakshmana Kumar (CSE) and Mrs.M.Vidhya (ECE) along with the office bearers of CSI-SVCE Student Chapter 2018-2019 under the supervision of Dr.V.Vidhya, CSI-SVCE Student chapter Counsellor coordinated the event.**

The main objective of this technical training was to provide the students a reassessment to their knowledge in C programming thereby helping them devise their placement training . The training was held for 6 days with the faculties of the IT department as instructors . The invite was sent to all CSI volunteers through google forms . The event was promoted through social media platforms and whatsapp groups.

Interested students were added to the google classroom and were well informed about the schedule and topics covered . On the day of the first session , our vice chairman Shanmugam delivered a welcome speech and briefed the students about the training instructions .

The attendance was monitored throughout the training . The students were given graded assignments based on the topics covered after each session . Certificates were given based on the assignment completion and attendance criteria.

Feedback was collected from the participants for every session regarding the complexity, effectiveness and suggestions for the betterment of the event.

**INVITE :**



The poster features a decorative border with diagonal stripes in red, blue, and orange. At the top left and right corners, there are circular logos for the Institute Society of India and the Anna College of Engineering, respectively. The main title 'TECHNICAL TRAINING IN C' is centered in a bold, black font. Below it, a yellow banner contains the text 'Only for CSI members'. A bulleted list of benefits follows, including industry readiness, a certificate of completion, and coding practice. The dates '23.11.2020 - 28.11.2020' are prominently displayed in blue. At the bottom, a call to action encourages non-members to join, with a red banner stating that membership registration closes on 1st December.

**TECHNICAL TRAINING IN C**

**Only for CSI members**

- **Get industry ready with our exclusive technical training**
- **Certificate of Completion to add on to your profile**
- **Assignments, Quizzes, Coding practice**

**23.11.2020 - 28.11.2020**

**Not part of CSI ?  
Join us now for more exciting events !**

**Membership Registration Closes On  
1st December**

**SCHEDULE :**

<b>Date</b>	<b>Day</b>	<b>Title</b>	<b>Faculty</b>
23-11-2020	Monday	Overview of C, Variables & Constants, Data Types Operators & Expressions	V.Ranjith
24-11-2020	Tuesday	Decision Making, Loop Controls	P.Nirmala
25-11-2020	Wednesday	Arrays, Functions	A.R Gurugokul
26-11-2020	Thursday	Pointer	E.Sivakumar
27-11-2020	Friday	Structure & Union	R.Saktheeswari
28-11-2020	Saturday	Storage Classes, String Handling	E.Sivakumar

**Total No. of Participants:**

116 CSI volunteers from CSE.ECE and IT departments

**The Outcome of the Program:**

- The program provided conceptual revision for the students to prepare for their placements
- Students were benefited through the graded assignments , which helped them to track their learning progress
- The students were exposed to corporate style of interview questioning patterns

**CERTIFICATE AWARDED:**



# SNAPSHOTS OF THE SESSION :

## FUNCTIONS

- Functions is a sub-program that contains **one or more statements** and it performs some task when called.

```
graph TD; Functions --> Pre-Defined[Pre-Defined Functions]; Functions --> User-Defined[User-Defined Functions]; Pre-Defined --- PDEF["printf, scanf"]; User-Defined --- UDEF["control"];
```

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### Predict the Output

```
#include<stdio.h>
int f(int n, int k){
    if(n==0)
        return 0;
    else if(n%2)
        return f(n/2, 2*k)+k;
    else
        return f(n/2, 2*k)-k;
}
void main() {
    printf("%d", f(20, 1));
}
```

$f(20, 1) =$

$f(10, 2) - 1$

$f(5, 4) - 2$

$f(2, 8) + 4$

$8$

$f(10, 2) \rightarrow 10$

$f(5, 4) \rightarrow 10$

$f(2, 8) \rightarrow 16$

$16$

$f(2, 8) \rightarrow 8$

$f(1, 16) - 8$

$16$

$f(0, 32) + 16 \rightarrow 16$

$16$

$f(0, 32)$

$0$

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P POOJA M ECE and 83 more🗨️

RANJITH V IT

Monica R ECE

MADHUMITHA S\_061 ECE

VISHWAA IT

VIVEKANANDAN IT

THILAKESH RAJ IT

VISHNUKUMAR ECE

RAAJESH BAABU ECE

VISHNU M ECE

## ASSIGNMENT PATTERN :

### Questions

Description (optional)

What is the output of this C code? \*

```
#include <stdio.h>
struct point
{
    int x;
    int y;
};
struct notpoint
{
    int x;
    int y;
};
int main()
{
    struct point p = {1};
    struct notpoint pl = p;
    printf("%d\n", pl.x);
}
```

Compile time error

0

User-defined data type can be derived by \*

typedef

enum

struct

all of the above

What is the output of this program? \*

```
#include <stdio.h>
void main()
{
    struct demo{
        char * a;
        int n;
    };

    struct demo p = {"hello", 2015};
    struct demo q = p;
    printf("%d", printf("%s",q.a));
}
```

