A.S.D.GOVT. DEGREE COLLEGE FOR WOMEN (A), KAKINADA

Jawahar Knowledge Centre (JKC)

Activity Register 2021-2022

Date	01-03-2022 to 14-04-2022
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.)	**Jawahar Knowledge Centre (JKC)**
Nature of Activity (Seminar/Workshop/Extn. Lecture etc.,)	Certificate Course
Title of the Activity	C Language & HTML
Name of the Department/Committee	**Jawahar Knowledge Centre (JKC)**
Details of Resource Persons (Name , Designation etc.,)	Pemmadi Siva Krishna Director , SV Softtech IT Solutions HR Placement and Training Kakinada East Godhavari, 533002.
No. of students participated	20
Brief Report on the activity	The Course period is from 01-03-2022 to 14-04-2022. 20 Students have been registered for this programme. Sri Pemmadi Siva Krishna acted as Resource Person. The entire Certificate Course on C-Language and HTML went in a good manner. After Completion of the course on 06.01.2022 Course End Exam has been conducted and Certificates are issued to the participants by the Principal and JKC/Course Coordinator and JKC Mentor.
Name of the Lecturers who Planned & conducted the activity	Dr.P.Sanjotha, JKC Coordinator &Lecturer in English Mr.V.Venkata Ramana, JKC Fulltime Mentor
Signature of the Dept.In-Charge/ Convener of the Committee	
Signature of the Principal	
Remarks	

To
The Principal
ASD Govt.Degree College for Women(A)
Kakinada

Dear Madam

3/3/22

Sub: - Request to run the certificate courses through JKC for the Academic year 2021– 22 – Reg.

* * *

I request you kindly to give permission to run the JKC General, Certificate Course in Type-Writing skills, C Language and HTML. for I, II and III Year students.

- JKC General Batch
  Smt P. Sanjotha, JKC Coordinator &Lecturer in English
  Mr. V. Venkata Ramana as JKC Full-time Mentor.
- Type-Writing Skill Course,
  Mr.V. Venkata Ramana as JKC Full-tine Mentor.
- C Language and HTML Courses
  3 Guest Faculty will be from SV Technologies, Kakinada,
- Spoken English
  Smt P. Sanjotha, JKC Coordinator &Lecturer in English
  Sk.Jeelani., Guest Faculty will be from PSN Murthy PG Courses , Kakinada

Fee Structure: - Type-Writing Rs. 150/- pm
Spoken English Rs 300/-
All other remaining Courses the fee will be Rs. 550/-

Duration: - JKC General – 250 hours
Spoken English – 60 Hrs
C Language and HTML – 45 DAYS
Tally ERP 9 – 45 DAYS

Yours Sincerely

(P.Sanjotha)
JKC Coordinator

Date : 03.03.22
Station: Kakinada

JKC Special Batch - Certificate Course -
C Language & HTML 01-03-2022 to 14-04-2022

S.No	Name of the Student	Class	Group
1	P LAVANYA	BSc	MPC
2	K SANDHYA	BSc	MPC
3	D LAKSHMI KEERTHI	BSc	MPC
4	M SUBHA SREE	BSc	MPC
5	KARRI DEVI	BSc	MPC
6	Y SAINIKITHA	BSc	MPC
7	O KANAKA MAHALAKSHMI	BSc	MPC
8	B MANASA	BSc	MPC
9	PANTHADI JHANSI	BSc	MPC
10	SURADA SATYA KALA	BSc	MPC
11	M.NAVYA SRI	BSc	MPC
12	PEDIREDDY MADHURI	BSc	MPC
13	CH RUKMINI SRI	BSc	MPC
14	VELUGUBANTLA NANDINI	BSc	MPC
15	RAYUDU JYOTHI	BSc	MPC
16	MALLARDDI MANLINI	BSc	MPC
17	PANTHADI MANASA	BSc	MPC
18	GEDELA MANASA	BSc	MPCs
19	CH. CHANDRIA ANUSHA	BSc	MPCs
20	T SARITHA	BSc	MPCs

Language Syllabus C Programming

Fundamentals of c language:

- About C.
- Important points about C.
- Why use C.
- Applications of C.
- C Language and English Language.
- Features of C.
- C,C++ and java.

Overview of C Language:

- History of C language.
- First program in C Hello World.
- Basic structure of C program.
- Tokens in C.
- Keywords in C.
- Identifiers in C.
- Format specifiers in C.
- Format specifiers Examples.

Data Types in C Language:

- Introduction to data types in C.
- Int data type in C.
- Float data type in c.
- Double data type in C.
- Char data type in C.

Variable in C Language :

- Variable introduction in C.
- Variable declaration and initialization in C.
- Variable types and scope in C.

- Local variables in C.
- Static variables in C.
- Global variables in C.
- Storage class in C.

Constants in C language:

- Constants in C.

Operators and Enums in C language:

- Introduction to operator.
- Arithmetic operators in C.
- Relational operators in C.
- Bit-Wise operators in C.
- Logical operators in C.
- Assignment operators in C.
- Conditional operators in C.
- Sizeof() operators in C.
- Operator precedence.

Decision Making of C language:

- Decision making in C introduction.
- if statement.
- if-else statement.
- Nested if statement.
- if else if ladder.
- Switch case.

Loop control in C Language:

- Loop introduction in C.
- While Loop in C.
- Do while loop in C.
- For loop in C.

Control Flow in C programming:

- Break statements in C.
- Continue statements in C.

- goto statements in C.

Array in C language:

- single dimensional array.
- Multi-Dimensional array.

String in C:

- Introduction to string.

Function in C language:

- Function in C.
- Function calling in C.
- Return type in C.
- Call by value in C.
- User defined functions.
- Predefined functions.

String functions in C

- All string functions.
- Strcat() function.
- Strncat() function.
- Strcpy() function.
- Strlen() function.
- Strcmp function.
- Strcmpi() function.
- Strchr() function.
- Strrchr() function.
- Strdup() function.
- Strlwr() function.
- Strupr() function.
- Strrev() function.
- Strset() function.
- Strnset() function.
- Strtok() function.

Recursion in C:

- Introduction to recursion.
- Direct and indirect recursion.

Pointers in C language:

- Pointer in C.
- Types of pointers.
- NULL pointer.
- Dangling pointer.
- Void/Generic pointers.
- Wild pointer.
- Near, Far and Huge Pointer.
- Pointer expressions and arithmetic.
- Pointer and array.
- String as pointer.
- Pointer to function.
- Call by reference in c.

Structure in C language:

- Structure in C.
- Nested structure in C.
- Array of structures in C.
- Pointer to structure.
- Structure to function in C.
- typedef in C.
- typedef vs #define in C.

Union in C language:

- union in C.

File input/output:

- introduction to file.
- File operation in C.

Dynamic Memory Allocation:

- Introduction to DMA.
- Calloc() and free() function.
- Realloc and free() function.

C preprocessor:

- Introduction and about preprocessor

Command line arguments

HTML Syllabus

Introduction to HTML:

- About HTML.
- Introduction to HTML.
- History of HTML.
- New features in HTML.
- First page in HTML.
- Basics of HTML.
- Relation between HTML and css.

Structuring web documents:

- HTML tags.
- HTML elements.
- Basic text formatting.
- Presentational elements.
- HTML phrase elements.
- HTML comments.
- HTML links.

HTML Lists:

- List introduction.

HTML Images:

- HTML Images introduction.

HTML Table:

- Introduction to table.
- Table elements and attributes part 1.
- Table elements and attributes part 2.
- Table elements and attributes part 3(tr attribute).

- Table elements and attributes part 4(the <td> and <th> element).
- Table elements and attributes part 5.
- Table caption
- Table head, body, and foot.
- Nested table.

HTML Forms:

- Form introduction.
- Text input controls.
- HTML buttons.
- HTML check box.
- HTML radio button.
- HTML select box or drop down box.
- Fieldset and legend in HTML form.
- Focus and tabbig order in HTML.

CERTIFICATE

This is to certify that Kum _____ D/o _____ studying _____ with JKC ID No: _____ has completed training on C-Language & HTML which lasted for 200 hours from _____ to _____ at the Training centre jointly conducted by **SV SOFTTECH** IT Solutions HR Placement and Training & **Jawahar Knowledge Centre** (JKC), ASD Govt. Degree College for Women (A), Kakinada.

JKC Coordinator	Director	Principal & Chairman JKC
ASD Govt. Degree College for Women (A) Kakinada	SV SOFTTECH IT Solutions Kakinada	ASD Govt. Degree College for Women (A) Kakinada

ANNAVARAM SATHYAVATHI DEVI GOVERNM
DEGREE COLLEGE FOR WOMEN (AUTONOMOU
Re-Accredited by NAAC with "B" Grade in Cycle-III
KAKINADA - 533002

Certificate Course on C - Language & HTML

Special Batch-I

Attendances Register

2021-22

Jawahar Knowledge Center
Creating Opportuniti
Developing Skills | Unleashing Potential

Jawahar Knowledge Centre Certificate Course on C language & HTML – Special Batch-I

S. No	Name	Group	04.03	05.3	06.3	07.3	08.3	09.3	10.3	11.3	12.3	13.3	14.3	15.3	16.3	19.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
			4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	9-2	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
1	B. Manasa	I MPC	P	P	P	P	P	P	P	P	Practice	P	P	P	P	P	P	P	P	P	P	P	P
2	P. Manasa	I MPC	P	P	P	P	P	P	P	P	4	P	P	P	P	P	P	P	P	P	P	P	P
3	D. Lakshmi Keerthi	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
4	Ch. Chandrika Anusha	IMPCs	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
5	T. Saritha	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
6	O. K. Maha Lakshmi	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
7	K. Devi	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
8	D. Jaya Sri	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
9	M. Sudha Sri	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
10	K. Sandhya	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
11	P. Lavanya	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
12	G. Navya	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
13	Y. Sai Nikitha	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
14	P. Madhuri	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
15	P Jansi	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
16	M. Navya Sri	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
17	S. Satya Kala	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
18	R. Jyothi	I MPC	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
19	V. Nandhini	IMPCs	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P
20	Ch. Rukmini	IMPCs	P	P	P	P	P	P	P	P	CC	P	P	P	P	P	P	P	P	P	P	P	P

Jawahar Knowledge Centre Certificate Course on C language & HTML – Special Batch-I

S. No	Name	Group	25.3	26.3	27.3	28.3	29.3	30.3	31.3	1.4	2.4	3.4	04.4	05.4	06.4	07.4	08.4	09.4	10.4	11.4	12.4	13.4	14.4
			4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	12	10	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
1	B. Manasa	I MPC	P	P	P	P	P	P	P	P	P	P	Practice	Practice	P	P	P	P	P	P	P	P	P
2	P. Manasa	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
3	D. Lakshmi Keerthi	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
4	Ch. Chandrika Anusha	IMPCs	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
5	T. Saritha	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
6	O. K. Maha Lakshmi	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
7	K. Devi	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
8	D. Jaya Sri	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
9	M. Sudha Sri	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
10	K. Sandhya	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
11	P. Lavanya	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
12	G. Navya	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
13	Y. Sai Nikitha	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
14	P. Madhuri	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
15	P Jansi	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
16	M. Navya Sri	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
17	S. Satya Kala	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
18	R. Jyothi	I MPC	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
19	V. Nandhini	IMPCs	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P
20	Ch. Rukmini	IMPCs	P	P	P	P	P	P	P	P	P	P	CC	CC	P	P	P	P	P	P	P	P	P

Ch. Chandrika Anusha

1) Sum of 10 different numbers.
2) write a C program of ~~a program~~ leap year.
3) write a C program of Reverse number.
4) Subtraction
5) write a C program of less than & Equal to.
6) write a C program of even & odd
7) write a C program of nested
8) write a C program of logical
9) Copy method
10) Arithematic operations.

very good

11) program:

```
#include <stdio.h>
main()
{
    int i, sum = 0, n;
    printf("Enter the value of n");
    scanf("%d", &n);
    while (i <= n)
    {
        i = 1
        sum = sum + i;
        i = i + 1;
        i++;
    printf("sum = %d\n", sum);
}
```

Output:

```
Enter the value of n 6
= 0+1+2+3+4+5
Sum = 15
```

1. Addition

```
# include <stdio.h>
main( )
{
int a = 3, b = 2, c;
c = (a+b);
printf ("c = %d \n" c);
return 0;
}
```

output
5

7/10

2. Substraction

```
# include <stdio.h>
main ( )
{
int a=3 , b=2, c;
c = (a+b);
print f ("c = % d \n" c);
return 0;
}
```

output
1

3. Arthmatic operator :

```
# include <stdio.h>
main( )
{
int a=3, b=2, c;
c = (a+b);
print f ("c = %d \n" c);
c = (a-b);
Print f ("c = %d \n" c);
c = (a * b);
Print f ("c = %d \n" c);
c = (a/b);
print f ("c = %d \n" c);
c = (a%b);
Print f ("c = %d \n" c);
return 0;
}
```

output
c = 5
c = 1
c = 6
c = 0
c = 2

4. command

```
# include <stdio.h>
main( )
{
int float a=5; b=5, c=10;
Print f ("d% == %d %d \n", a, b, a == b);
print f ("% d% = = %d %d \n", a, c, a = = c);
Print f ("d% > %d %d \n", a, b, a > b);
print f ("d% > % d %d \n", a, c, a > c);
print f ("d% < %. d %. d \n", a, b, a < b);
print f ("d% < %d %d \n", a, c, a < c);
print f ("d% > = %. d %. d \n", a, b, a > = b);
Print f ("d% > = %. d %. d \n", a, b, a > = c);
print f ("d % = < = %. d %. d \n", a, b, a < = b);
print f ("d % < = %. d %. d \n", a, c, a < = c);
return 0;
}
```

output

a = b - 1	a < b - 0	a < = b - 0
a = c - 0	a < c - 1	a < = c - 1
a > b - 0	a > = b - 0	
a > c - 0	a > = c - 0	

Nallathi Sudha
Palin leap year, Nested, Sum of 10 different pattern, Command

Loop year :-

```
#include <stdio.h>
#include <conio.h>
main()
{
int year;
printf("Enter a year");
scanf("%d", &year);
if a%4==0
{
Printf("Is a leap year");
}
else
{
Printf("Is not a leap year");
}
return 0;
}
```

Output

Enter a year: 2004
2004 is leap year

Nested programm

```
#include <stdio.h>
~~#include <conio.h>~~
main()
{
~~int~~ float a,b,c;
Psintf(enter a,b,c values);
Scanf("%f%f%f", &a, &b, &c);
Psintf("\n longest value is");
if (a>c)
Printf("\n a is big);
}
else
printf("\n c is big");
{
if (c>b)
Psintf("\n c is big");
else
Psintf("\n b is big");
}
return 0;
}
```

Output

Enter a,b,c values
10
20 & 30
c is big.

Sum of 10 different number

```
#include <stdio.h>
#include <conio.h>
main()
{
int x[10], i, n, sum=0;
Printf("Enter n values");
Scanf("%d", &n);
Printf("Enter x Elements");
for (i=0; i<n; i++);
Scanf("%d", x[i]);
~~Sum==0~~
for (i=0; i<n; i++);
~~Printf("%d", x[i]);~~
{
Sum = sum+x(1);
}
Printf("Sum=%d", sum);
}
```