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

(Re-Accredited with 'B' Grade by NAAC)
(Affiliated to Adikavi Nannaya University)
Jagannaickpur, Kakinada.

DEPARTMENT OF COMPUTER SCIENCE

స్త్రీ విద్యాప్రవర్ధతాం

BRIDGE COURSE

2021-2022

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

DEPARTMENT OF COMPUTER SCIENCE
Activity Register 2021-2022

Date	20-01-2022 to31-01-2022
Conducted through (DRC/JKC/ELF/NCC/NSS/Department etc.,)	**Department of Computer Science**
Nature of Activity (seminar/workshop/exten Lecture etc)	**BRIDGE COURSE** I B.Sc (M.P.Cs) & I B.Com(CA)
Title of the Activity	Programming Skills
Name of the Department/ Committee	**Department of Computer Science**
Details of Resourc persons (Name, Designation etc.,)	N.Naga Subrahmanyeswari **M.Tech.,(Ph.D).** Lecturer in Computer Science G.Satya Suneetha **M.Tech.,(Ph.D).** Lecturer in Computer Applications
No. of students participated	50
Brief Report on the activity	To get the students acquainted with the Computer fundamentals and programming skills to enhance their caliber in Programming
Name of the Lecturers who planned & conducted the activity	N.Naga Subrahmanyeswari **M.Tech.,(Ph.D).** Lecturer in Computer Science G.Satya Suneetha **M.Tech.,(Ph.D).** Lecturer in Computer Applications
Signature of the Department In-charge/ Convener of the Committee	N. N. S. Eswari
Signature of the Principal	V. Anl D .
Remarks	

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

DEPARTMENT OF COMPUTER SCIENCE

BRIDGE COURSE
on
"Programming Skills"

The Department of Computer Science conducted Bridge course for I B.Sc (M.P.Cs) and I B.Com(CA) students who did not have knowledge about fundamentals of computers and Programming. Wih this 8-Day course students get acquainted with the basic fundamentals of computers and basics of Programming skills where in the total introduction of the syllabus is covered and there by the student can rise up to a level to apprehend the subject.

OBJECTIVIES:

- To introduce the fundamentals of computing devices and reinforce computer vocabulary particularly with respect to personal use of computer hardware and software, the Internet, networking and mobile computing.

- To understand basics of computer and fundamentals of programming constructs

- To acquire basic skills needed to write programs in any programming language.

- To apply computing in problem solving.

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

DEPARTMENT OF COMPUTER SCIENCE

BRIDGE COURSE 2021-2022

Computer Fundamentals

S.NO	DATE	SYLLABUS
01	**20/01/21**	❖ Introduction to Computers
02	**21/01/21**	❖ Computer Fundamentals
03	**22/01/21**	❖ Programming Basics
04	**24/01/21**	❖ Algorithm & Flow Charts
05	**25/01/21**	❖ Character set and Tokens
06	**28/01/21**	❖ Programming Constructs
07	**29/01/21**	❖ Looping Constructs
08	**30/01/21**	❖ Strcucture of a Program

N. N. S. Eswari

Signature of the Lecturers

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

స్త్రీ విద్యాప్రవర్ధతాం

BRIDGE COURSE TIME TABLE

I B.Sc(M.P.Cs) & I B.Com(CA)

2021-2022

DAY	TIMINGS
20/01/21	10.00A.M to 11.00A.M
21/01/21	10.00A.M to 11.00A.M
22/01/21	10.00A.M to 11.00A.M
24/01/21	10.00A.M to 11.00A.M
25/01/21	10.00A.M to 11.00A.M
28/01/21	10.00A.M to 11.00A.M
29/01/21	10.00A.M to 11.00A.M

N. N. S. Eswari

Signature of the Lecturers

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

DEPARTMENTS OF COMPUTER SCIENCE

BRIDGE COURSE

PROGRAMMING SKILLS

S.NO.	NAME OF THE STUDENT	CLASS
1.	Anusuri Akshaya	I B.Sc(M.P.Cs)
2.	Bolisetti Seerisha	I B.Sc(M.P.Cs)
3.	Botta Sahithi	I B.Sc(M.P.Cs)
4.	Chaganti Rukmini Sri	I B.Sc(M.P.Cs)
5.	Chavakula Chandrika Anusha	I B.Sc(M.P.Cs)
6.	Chodisetti Vishnu Sri	I B.Sc(M.P.Cs)
7.	Chokka Jyothi	I B.Sc(M.P.Cs)
8.	Geddada Sravani	I B.Sc(M.P.Cs)
9.	Guda Sharon Grace	I B.Sc(M.P.Cs)
10.	Karri Kavya	I B.Sc(M.P.Cs)
11.	Karri Lakshmi Lavanya	I B.Sc(M.P.Cs)
12.	Karri Rama Tulasi	I B.Sc(M.P.Cs)
13.	Karri Satya Sowjanya	I B.Sc(M.P.Cs)
14.	Konuku Jayasri	I B.Sc(M.P.Cs)
15.	Lanka Padmavathi	I B.Sc(M.P.Cs)
16.	Padala Kavyasri Satya	I B.Sc(M.P.Cs)
17.	Palepu Dhana Jaya	I B.Sc(M.P.Cs)
18.	Petta Nikitha	I B.Sc(M.P.Cs)
19.	Pothabathula Parvathi	I B.Sc(M.P.Cs)
20.	Pyla Syamala	I B.Sc(M.P.Cs)
21.	Rayudu Jyothi	I B.Sc(M.P.Cs)
22.	Saladi Kumari Sri Ganga	I B.Sc(M.P.Cs)
23.	Sappa Deepika	I B.Sc(M.P.Cs)

S.NO.	NAME OF THE STUDENT	CLASS
24.	Shala Bharathi Devi	I B.Sc(M.P.Cs)
25.	Sripadam Lavanya	I B.Sc(M.P.Cs)
26.	Tekumudi Sunitha	I B.Sc(M.P.Cs)
27.	Tiridi Saritha	I B.Sc(M.P.Cs)
28.	Vaidadi Aruna	I B.Sc(M.P.Cs)
29.	Velugubantla Nandini	I B.Sc(M.P.Cs)
30.	Addala Sirisha	I B.Sc(M.P.Cs)
31.	Anusuri Devi	I B.Sc(M.P.Cs)
32.	Chintha Surya Bhavani	I B.Sc(M.P.Cs)
33.	Chowdalla Sri Lakshmi	I B.Sc(M.P.Cs)
34.	Dongada Singaralakshmi	I B.Sc(M.P.Cs)
35.	Dummu Santhi Kumari	I B.Sc(M.P.Cs)
36.	Nagaraboina Mounika Devi	I B.Com(C.A.)
37.	Palepu Divya	I B.Com(C.A.)
38.	Pinapothu Bhavani	I B.Com(C.A.)
39.	Talabhatula Maha Lakshmi	I B.Com(C.A.)
40.	Thandra Lakshmi Sravani	I B.Com(C.A.)
41.	Arava Anusha	I B.Com(C.A.)
42.	Balla Sirisha	I B.Com(C.A.)
43.	Chapala Pushpanjali	I B.Com(C.A.)
44.	Darakonda Keerthana	I B.Com(C.A.)
45.	Devu Sandhya Rani	I B.Com(C.A.)
46.	Gampala Munni	I B.Com(C.A.)
47.	Gariki Sai Vara Lakshmi	I B.Com(C.A.)
48.	Geddada Sai Pavani	I B.Com(C.A.)
49.	Gudisi Sravanthi	I B.Com(C.A.)
50.	Jakki Vijaya Kumari	I B.Com(C.A.)

BRIDGE COURSE TEST
on
"Programming Skills"

1. Translator which is used to convert codes of assembly language into machine language is termed as

    [A]

    A.assembler
    B.attempter
    C.compiler
    D.debugger

2. Diagram which shows relationship between classes is termed as   [A]
    A.Class diagram
    B.sequential diagram
    C.use case diagram
    D.communication diagram

3. Unit which retains processed information until it can be placed on output devices by output   unit is
    [B]

    A.input device
    B.output device
    C.memory unit
    D.ALU

4. A computer is a device that can perform computations and make   [B]
    A.sequential statements
    B.Arithmetic statements
    C.logical statements
    D.algebraic statements

5. Which of the following statements is/are TRUE regarding JAVA ?
 (a) Constants that cannot be changed are declared using the 'static' keyword.
 (b) A class can only inherit one class but can implement multiple interfaces.   [C]

 A. Only (a) is TRUE.

 B. Only (b) is TRUE.

 C. Both (a) and (b) are TRUE.

 D. Neither (a) nor (b) are TRUE

6. Which of the following is not an operator in Java?   [B]

 A. instanceof

 B. sizeof

 C. New

 D. >>>=

7. In Java, after executing the following code what are the values of x, y and z? int x,y=10; z=12; x=y++
+ z++;   [D]

 A. x=22, y=10, z=12

 B. x=24, y=10, z=12

 C. x=24, y=11, z=13

 D. x=22, y=11, z=13

8. In Java, can we make functions inline like C++?   [B]
 A. yes

 B.no

 9. What does the following C statement mean?
    scanf("%4s", str);   [A]
 A.Read exactly 4 characters from console.

 B.Read maximum 4 characters from console.

 C.Read a string str in multiples of 4

 D.Nothing

10. Which of the following is true   [B]
 A. gets() doesn't do any array bound testing and should not be used.

 B. fgets() should be used in place of gets() only for files, otherwise gets() is fine

 C. gets() cannot read strings with spaces

 D. None of the above

11. What is the return type of getchar()?   [A]
 A. Int

 B. Char

 C. unsigned char

 D. Float

12. Which of the following functions from "stdio.h" can be used in place of **printf()**? [D]
 A. fputs() with FILE stream as stdout.

 B. fprintf() with FILE stream as stdout.

 C. fwrite() with FILE stream as stdout.

 D. All of the above three - a, b and c.

 E. In "stdio.h", there's no other equivalent function of printf()

13. Which of the following is not a valid declaration in C?   [A]
1. short int x;
2. signed short x;
3. short x;
4. unsigned short x;

 A. 3 and 4

 B. 2

 C. 1

 D. All are valid

14. In C, sizes of an integer and a pointer must be same.   [B]
 A. True

 B. False

15. Which of the following is not a logical operator?   [D]
 A. &&

B. !

C. ||

D. |

16. Which of the following can have different meaning in different contexts?   [C]

A. &

B. *

C. Both of the above

D. There are no such operators in C

17. #include<stdio.h>   [A]
    int main()
    {
    int a = 2,b = 5;
     a = a^b;
     b = b^a;
     printf("%d %d",a,b);
     return 0;
      }

A. 52

B. 25

C. 77

D. 7 2

18. Which of the following is true about return type of functions in C?   [D]

A. Functions can return any type

B. Functions can return any type except array and functions

C. Functions can return any type except array, functions and union

D. Functions can return any type except array, functions, function pointer and union

19. In C, what is the meaning of following function prototype with empty parameter list   [A]
void fun()
{
  /* .... */
}

A.Function can only be called without any parameter

B.Function can be called with any number of parameters of any types

C.Function can be called with any number of integer parameters.

D.Function can be called with one integer parameter.

20. What is representing the sequence of characters   [A]

A. String

B. Integers

C. Floating point

D.Boolean