

**DEPARTMENT OF
COMPUTER SCIENCE & APPLICATIONS**

CERTIFICATE COURSES



Pingle Govt. College for Women (A), Waddepally
AUTONOMOUS
HANUMAKONDA -506370, TELANGANA

CERTIFICATE COURSES

A certificate course program is a structured educational program designed to provide specialized knowledge and skills in a particular field or subject area. These programs are typically shorter in duration compared to degree programs and are often more focused on practical, job-specific training.

A certification course gives you a competitive advantage over others. For instance, your ability to learn new things and your willingness to undertake different things. A certification course gives you a competitive advantage over others. For instance, your ability to learn new things and your willingness to undertake different courses

Certification courses are short-duration learning modules that impart knowledge on varied topics from leadership to business management. Moreover, these courses can be undertaken by anyone who matches the eligibility criteria, helping them develop skills required for a specific field or job and attract the right job opportunities while offering a ton of other benefits.



ABSTRACT OF CERTIFICATE COURSES

2022-2023

SNO	Name Of The Course	Class	Duration	No. of Participants
1	Every Day EXCEL	B.Sc. (CS) 1st Year	08-02-2023 to 18-03-2023	73
2	Fundamentals of Python	B.Sc. (Phy.Sci.) & B.Sc.(Life Sci.) 2nd year	15-03-2023 to 15-04-2023	81

PINGLE GOVT. COLLEGE FOR WOMEN (A)

WADDEPALLY, HANAMKONDA - TELANGANA.

(Accredited by NAAC with 'A' Grade & An ISO 9001-2015 certified college)

(Affiliated to Kakatiya University)



Enter to Learn, Leave to Serve

CERTIFICATE COURSE

on

“EVERY DAY EXCEL “

from 08-02-2023 to 18-03-2023

**Department of
Computer Science & Applications**

2022-23

Resolution of the department

02/02/2023

We, the faculty members of Computer Science & Applications department conducted meeting in Computer Lab (Room No. 63) to discuss about.

1. Papers distribution for 6th semester
2. Theory exams for 1st semester students
3. 1st internal examinations for 4th semester students
4. To conduct student seminars, Group Discussions.
5. To conduct Certificate Course for Bsc(Ce) 1st year students

1. T. Aruna - *Ar*
2. P. Prathibha - *me*
3. B. Swarnalatha - *Sw*
4. P. Bharathi - *Bf*

Suh
11/2/23
PRINCIPAL
Pingle Govt. College for Women
(Accredited with 'A' Grade by NAAC)
Waddepally, Warangal - 506 370

Date: 06-02-2023

Place: Hanamkonda

To
The Principal,
Pingle Govt. College for Women,
Waddepally, Warangal.

Respected sir,

Sub:- Request to accord permission to organize certificate course – Reg.

We, the department of Computer Science & Applications, would like to organize a Certificate Course in “Everyday EXCEL” from 08-02-2023 to 18-03-2023 for B.Sc.(Physical Science) first year students. At the end of the course, the students will be able to examine spreadsheet concepts and explore the Microsoft Office Excel environment, Create, open and view a workbook. So kindly accord permission

Thanking you sir,

Yours faithfully,



(T.Aruna)

Lecturer in Computer Science & Applications

T. Aruna
6/2/2023
Principal
Pingle Govt. College for Women
(Accredited with NAAC 'A' Grade)
Waddepally, Hanamkonda-506 370

NOTICE

Date: 02-02-2023

Department of Computer Science and Applications is pleased to inform all the students about the commencement of the upcoming certificate course on "Every day EXCEL". The course will span a total of 30 hours and cover all the important and basic spreadsheet concepts and its advancements. The session for this course are scheduled to begin on 08-02-2023. It is very important that you attend all the sessions to fulfill the course requirements and be eligible for the certificate.


Head

Dept. of Computer Science & Applications

To
BSc (CS) 1st Year

BROCHURE:

ABOUT THE COURSE

- The course "Everyday Excel" is aimed at learners who are seeking to learn Excel from the ground up. No experience with Excel is necessary.
- While this course is meant for beginners of Excel, advanced users will undoubtedly pick up new skills and tools.
- Excel is a useful tool for performing various calculations on spreadsheets. It can calculate statistics, perform repeated and advanced calculations, analyze data, and create graphical representations of the data, such as graphs, charts, and PivotTables.
- Microsoft Excel is used to perform numeric calculations rapidly and organize your work or personal life.
- Excel tool is used for calculation, graphing tools, pivot tables, and a macro programming and data visualization. Microsoft excel is a familiar and most recommended tool for all industries from technical to management level.

PRINCIPAL

Dr. G. RajaReddy

Course Conveners:

Smt. T. Aruna

Smt. P. Prathibha

Smt. B. Swarnalatha

ABOUT THE COLLEGE

Pingle Govt. College for Women (Autonomous), Waddepally, Hanumakonda has an illustrious and developmental history. It started with pre-university courses in Arts, Commerce and Science in the building donated by Pingle family in 1965. Since then It witnessed continuous and consistent development in expanding the courses, At present college is providing 17 U.G. and 10 P.G. courses and Certificate courses and one Add on Course, sponsored by UGC in Diploma in Front Office Management

ABOUT THE DEPARTMENT

Pingle Govt. College for Women (Autonomous), Waddepally, Hanumakonda has introduced the computer courses in the year 1998 with B.Sc Mathematics, Physics and Computer science combination. In the immediate successive year, i.e., (1998 - 1999) Computer course with B.A and B.Com classes also were introduced. Since then there has been a study and evident development of the department. Currently the courses are B.Sc. (Phy. Sci.) with MPCS, MCCS, MSCS, B.Com (CA) and BSC (Life Sci. with CS) & with new courses B.Sc. Data Science.

Department of Public Administration is with eminent and professional teachers implement the curriculum in an effective manner to reach every student of different courses.

CERTIFICATE COURSE

ON

EVERYDAY EXCEL

8th FEBRUARY, 2023



Organized by

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

PINGLE GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)
WADDEPALLY, HANAMKONDA
(Accredited with 'A' Grade by NAAC)

COURSES OFFERED

Under Graduation

- B.Sc. (Maths, Physics, Computer Science)
- B.Sc. (Maths, Statistics, Computer Science)
- B.Sc. (Maths, Statistics, Data Science)
- B.Sc. (Maths, Chemistry, Computer Science)
- B.Sc.(Botany, Zoology, Computer Science)
- B.Com. (Computer Applications)

e-mail: pgcwcs@gmail.com

Website:

<https://gdcts.cgg.gov.in/hanamkondawomen.edu>

HIGHLIGHTS OF DEPARTMENT

- Outcome Based Education
- Focus on programming hands-on
- Online Teaching Assistance through Video Lectures
- Motivation for Self learning initiatives
- Well defined student Counselling and Mentoring process
- Maintaining e-Library using QR CODES
- Well defined Teaching-Learning Process with use of Technology Based Teaching Methodologies
- Value added course such as IOT, BIGDATA, CLOUD COMPUTING, PYTHON are regularly offered to students with Online Platforms Spoken Tutorial, Coursera, Great Learning etc.,

Participating Students -
BSc (Physical Science)



BROCHURE RELEASE



About the Certification Program:

"Every day Excel" is aimed at learners who are seeking to learn Excel from the ground up. No experience with Excel is necessary. While this course is meant for beginners of Excel, advanced users will undoubtedly pick up new skills and tools.

In this course, you will:

- 1) Learn how to effectively navigate around the Excel environment;
- 2) Edit and format Excel worksheets;
- 3) Implement basic to advanced Excel functions (including financial, logical, and text functions);
- 4) Learn how to manage data sets (filter, remove duplicates, consolidate data, sort data, and validate data); and
- 5) Learn how to effectively visualize data through scatter plots, column charts, and pie charts.
- 6) Learn how to implement financial calculations in Excel;
- 7) Use advanced tools in Excel (Data Tables, Goal Seek, and Solver) to perform and solve "what-if" analyses;
- 8) Learn how to create mathematical predictive regression models using the Regression tool in Excel.

LEARNING OBJECTIVES

- Indicate the names and functions of the Excel interface components.
- Enter and edit data.
- Format data and cells.
- Construct formulas, including the use of built-in functions, and relative and absolute references.
- Create and modify charts.
- Preview and print worksheets.

Course Outcomes:

At the end of the course, the students will be able to:

- Examine spreadsheet concepts and explore the Microsoft Office Excel environment.
- Create, open, and view a workbook.
- Save and print workbooks.
- Enter and edit data.
- Modify a worksheet and workbook.
- Work with cell references.
- Learn to use functions and formulas.
- Create and edit charts and graphics.
- Filter and sort table data.
- Work with pivot tables and charts.
- Import and export data.

Course Syllabus

MODULE-1: Excel Fundamentals

Basic features of Excel; Excel Interface; Saving and opening files; Sheets, cells, rows, and columns; Sheets, cells, rows, and columns; Moving around the worksheet; Editing the worksheet; Common Excel Shortcut Keys; Working with Numeric Data in Excel; Entering Date Values in Excel; Relative Versus Absolute Cell References in Formulas; Naming cells and cell ranges

MODULE-2: Modifying & Formatting Data

Moving and Copying Data; Inserting and Deleting Rows and Columns; Changing the Width and Height of Cells; Hiding and Unhiding Excel Rows and Columns; Renaming, Deleting, Moving and Copying Excel Worksheets; Working with Font Formatting Commands; Changing the Background Colour of a Cell; Adding Borders to Cells; Formatting Data as Currency Values; Formatting Percentages; Creating Styles to Format Data; Merging and Centering Cells; Using Conditional Formatting;

MODULE-3: Excel Functions- Inserting Images and Shapes

Creating Basic Formulas in Excel; Working with the SUM(), MIN() ,MAX(), AVERAGE() and COUNT() Function; Using the AutoSum Command; Excel's AutoSum Shortcut Key; Using the AutoFill Command to Copy Formulas; Cell formatting and conditional formatting; Auto Fill and Fill Series; Formats for numbers, dates, and times; Cell addressing modes; Inserting Images and Shapes; Formatting Excel Shapes; Working with SmartArt

MODULE-4: Working with Lists and Charts

Understanding List; Sorting a List Using Single Level Sort; Sorting a List Using Multi-Level Sorts; Using Custom Sorts in an Excel List; Filter an Excel List Using the AutoFilter Tool; Creating Subtotals in a List; Format a List as a Table; Creating an Excel Column Chart; Adding and Modifying Data on Chart; Formatting Chart; Moving a Chart to another Worksheet; Working with Pie Charts



HANDS-ON PRACTICE:



Schedule:

S.No.	Date	Topic	Lecture by
1	08-02-2023	Creating, opening, and saving Excel worksheets	P. Prathibha
2	09-02-2023	About cells, rows, columns, sheets	P. Prathibha
3	10-02-2023	Editing & shortcut keys	P. Prathibha
4	13-02-2023	Working with numeric data	P. Prathibha
5	14-02-2023	Naming cells and cell ranges	P. Prathibha
6	15-02-2023	Moving & copying data	E. Maneesha
7	16-02-2023	Inserting & deleting rows & columns	E. Maneesha
8	17-02-2023	Changing the width & height of cells	P. Prathibha
9	20-02-2023	Formatting commands	E. Maneesha
10	21-02-2023	Changing colors & borders to cells	P. Prathibha
11	22-02-2023	Hiding & unhiding Excel rows & columns	B. Swarnalatha
12	23-02-2023	Moving and copying Excel worksheet	B.Swarnalatha
13	24-02-2023	Creating styles to format data	E. Maneesha
14	25-02-2023	Merging & centering cells	B.Swarnalatha
15	27-02-2023	Using conditional formatting	B.Swarnalatha
16	28-02-2023	Formulas in Excel	B.Swarnalatha
17	01-03-2023	Using Functions in Excel	B.Swarnalatha
18	02-03-2023	Using the auto sum option	E. Maneesha
19	03-03-2023	Using autofill and fill series option	E. Maneesha
20	04-03-2023	Copying formulas	B.Swarnalatha
21	06-03-2023	Formatting for numbers & dates	T.Aruna
22	09-03-2023	Cell addressing modes	E. Maneesha
23	10-03-2023	Inserting images & shapes	E. Maneesha
24	13-03-2023	Working with SmartArt	T.Aruna
25	14-03-2023	Sorting the list	T. Aruna
26	15-03-2023	Filtering the list	T. Aruna
27	16-03-2023	Working with charts	E. Maneesha
28	17-03-2023	Adding & modifying data on the chart	T. Aruna
29	18-03-2023	Working with pie charts	T. Aruna

ATTENDANCE

S.No.	Name of the student	08-02-22	09-02-22	10-02-22	13-02-22	14-02-22	15-02-22	16-02-22	17-02-22	20-02-22	21-02-22	22-02-22	23-02-22	24-02-22	25-02-22	27-02-22	28-02-22	01-03-22	02-03-22	03-03-22	04-03-22	06-03-22	09-03-22	10-03-22	13-03-22	14-03-22	15-03-22	16-03-22	17-03-22	18-03-22		
1	A. Ganeshwari	A	P	P	A	P	P	P	P	P	P	P	A	P	P	A	P	P	A	A	P	P	P	P	P	A	A	A	A	A		
2	A. Prasanna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3	A. Shilpa	A	P	P	A	A	A	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4	A. Tejaswini	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	
5	A.Divya reddy	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	
6	Abarla Sanjana	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	
7	A Anusha	A	P	P	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	
8	B. Kaveni	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	
9	B. Latha	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	
10	B. Mounika	A	P	P	A	P	A	P	A	A	A	A	P	P	A	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	
11	B. Mounika	P	P	A	P	P	P	P	P	P	A	A	P	A	P	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	A	P
12	B. Naveena	A	P	P	P	P	A	P	P	P	P	A	A	A	A	P	A	P	A	P	P	A	P	P	P	A	P	A	P	A	P	
13	B. Ramya	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
14	B. Sarayu	A	P	P	P	A	P	P	P	P	P	P	A	P	A	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	
15	B. Shivarthika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	
16	B. Soujanya	P	P	P	P	A	P	P	P	P	P	P	A	A	A	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	
17	B. Supriya	A	P	A	P	A	P	P	P	A	P	P	A	A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	A	P	
18	B. Sabitha	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	A	P	P	P	
19	Banoth Akhila	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
20	Bitla Pravalika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	
21	Ch. Bhargavi	P	P	A	P	P	P	P	A	P	P	P	P	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
22	Ch. Jyothsna	P	P	P	P	A	P	P	P	A	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	
23	Ch. Priyanka	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
24	Ch. Shivani	P	P	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	A	P	P	P	P	P	P	P	A	P	A	P	
25	Challa Joshana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
26	D. Neekshitha	P	P	P	A	A	P	P	P	A	A	A	A	P	P	A	A	P	P	A	P	P	P	P	P	P	A	A	A	A	P	P
27	D. Subhadra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	A	P
28	Dasani Pravalika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	
29	G.Padma	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	A	P	A	P	P	P	P	P	P	P	A	P	P	P	
30	G.Sandhya	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	
31	K. Akhila	A	P	P	P	P	A	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	P	P	
32	K. Akhila	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
33	K. Anupriya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	
34	K. Kovidha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
35	K. Madhavi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
36	K. Ravali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	
37	L. Sunitha	P	A	P	P	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
38	L. Aishwarya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
39	M. Kalyani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	
40	M. Mounika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	
41	M. Neeraja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
42	M. Srividya	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
43	Md.Fouziya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
44	Monika	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
45	N. Nishitha	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
46	N.Meghana	P	P	P	A	P	P	A	P	P	P	P	A	P	P	A	P	A	P	P	A	P	P	P	P	P	P	P	A	A	P	P
47	N.Srujana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
48	N Anusha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
49	P. Manasa	P	A	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	
50	P. Pallavi	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	
51	P. Ravali	P	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P	P	
52	P. Sowmya	P	P	A	P	P	P	A	P	P	P	P	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
53	P. Sruthi	P	A	A	P	P	A	A	P	P	P	A	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	
54	P. Usha	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	
55	P.Priyanka	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	
56	R. Deepthi	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	A	A	P	P	P	
57	R. Srividya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
58	V. Ravalika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
59	S. Arunadevi	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
60	S. Keerthana	P	P	P	P	P	P	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
61	S. Nandini	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	A	P	P	A	P	P	
62	S. Sharmila	P	P	P	P	P	P	A	P	A	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P	
63	S. Sindhu	A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
64	Shiva Pavani	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	
65	Sravya	P	A	A	P	P	P	P	P	P	A	A	P	P	P	A	P	A	A	A	P	A	P	A	P	P	P	P	A	P	P	
66	Suhitha	A	A	A	P	P	P	A	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	
67	swarna kinnera	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	
68	T. Anusha	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
69	T. Dakshayani	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	
70	T. Kavya																															

Assignment Questions

1. The following worksheet contains Roll.Nos. & Marks in 5 subject of a student. Calculate his grades as per the following:

Marks	Grades
0-40	4
40-50	3
50-60	2
60 & above	1

	A	B	C	D	E	F
1	Roll No.	ENG	HINDI	SCIENCE	MATHS	SO. SCI
2	110	45	56	67	78	60
3	GRADE					
4						
5						
6						
7						
8						
9						
10						
11						

2. Enter the following data in Excel Sheet

REGIONAL SALES PROJECTION

State	Qtr1	Qtr2	Qtr3	QTR4	Qtr. Total	Rate	Amount
Delhi	2020	2400	2100	3000		15	
Punjab	1100	1300	1500	1400		20	
U.P.	3000	3200	2600	2800		17	
Haryana	1800	2000	2200	2700		15	
Rajasthan	2100	2000	1800	2200		20	

TOTAL

AVERAGE

- (a) Apply Formatting as follow:

I. Title in TIMES NEW ROMAN

ii. Font Size - 14

iii. Remaining text - ARIAL, Font Size -10

iv. State names and Qtr. Heading Bold, Italic with Gray Fill Color.

v. Numbers in two decimal places.

vi. Qtr. Heading in center Alignment. Vii. Apply Border to whole data.

(b) Calculate State and Qtr. Total

(c) Calculate Average for each quarter

(d) Calculate Amount = Rate * Total.

3. Use an array formula to calculate Simple Interest for given principal amounts given the rate of Interest and time

Rate of Interest	8%
Time	5 Years
Principal	Simple Interest
1000	?
18000	?
5200	?

4. Generate 25 random numbers between 0 & 100 and find their sum, average and count. How many no. are in range 50-60

5. A worksheet contains Roll Number , Marks in 2 subjects for 50 students in a class. Calculate Result and Grade using the following:

A student is declared as PASS if he gets 40 or more in both the subjects , Otherwise FAIL.

All FAILED students will be given Grade IV

For PASSED students Grade will be obtained as follows :

AVERAGE GRADE

>=60 I

<60 but >=50 II

<50 but >=40 III

	A	B	C	D	E	F
1	ROLL	SUB1	SUB2	AVERAGE	RESULT	GRADE

:

51

6. A worksheet contains name and marks in 3 subjects . Calculate Total Marks

	A	B	C	D	E
1	NAME	SUB 1	SUB 2	SUB 3	TOTAL MARKS
2	Deep	30	34	44	
3	Jayesh	40	35	45	
4	Yash	45	36	47	
5	Sara	48	32	50	
6	Gita	35	32	43	
7	Jinal	32	31	37	
8	Kavita	36	28	38	
9	Minal	23	25	40	
10	Naresh	43	27	50	
11	Rima	37	44	46	

a) Construct 3D Pie Chart for Total marks

b) Construct 2D Line Chart for Subject 1 and Subject 3

c) Construct 2D Column Chart for Sub1,Sub2,Sub3

d) Construct Stacked Column Chart for Sub1,Sub2,Sub3

FEEDBACK:

FEEDBACK FORM

PINGLE GOVT. COLLEGE FOR WOMEN (A),
WADDEPALLY, HANUMAKONDA

CERTIFICATE COURSE

COURSE TITLE: Everyday EXCEL

DATE: 17-03-2023

Please fill the short Questionnaire to make the course better.

1. Were objective of the course ~~to you~~ you? ✓
Y / N
2. The course content met with your expectations (c)
a. Strongly disagree b. Avg c. Good d. Strongly agree
3. The lecture sequence was well planned (d)
a. Strongly disagree b. Avg c. Good d. Strongly agree
4. The course exposed you to new knowledge and practices (d)
a. Strongly disagree b. Avg c. Good d. Strongly agree
5. The course material handed out was adequate (e)
a. Strongly disagree b. Avg c. Good d. Strongly agree

FEEDBACK FORM

PINGLE GOVT. COLLEGE FOR WOMEN (A), WADDEPALLY,
HANUMAKONDA

CERTIFICATE COURSE

COURSE TITLE: Everyday Excel

DATE: 20-03-2023

Please fill the short Questionnaire to make the course better.

1. Were objective of the course clear to you? ✓ / N

2. The course content met with your expectations (d)
clear to you?
a. Strongly disagree b. Avg c. Good d. Strongly agree

3. The lecture sequence was well planned (c)
a. Strongly disagree b. Avg c. Good d. Strongly agree

4. The course exposed you to new knowledge and practices (c)
a. Strongly disagree b. Avg c. Good d. Strongly agree

5. The course material handed out was adequate (c)
a. Strongly disagree b. Avg c. Good d. Strongly agree

CERTIFICATES DISTRIBUTION



CERTIFICATE:



PINGLE GOVT. COLLEGE FOR WOMEN (A)

WADDEPALLY, HANAMKONDA - TELANGANA.

(Accredited by NAAC with 'A' Grade & An ISO 9001-2015 certified college)

(Affiliated to Kakatiya University)



Enter to Learn, Leave to Serve

CERTIFICATE COURSE

on

“FUNDAMENTALS OF PYTHON “

from

15-03-2023 to 15-04-2023

**Department of
Computer Science & Applications**

2022-23



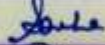

Resolution of the Department


33

28/2/2023

We, the faculty members of Computer Science & Applications department conducted meeting in Computer Lab (Room No. 6) to discuss about.

1. Starting the classes for 2nd semester students from 01/03/2023
2. Awareness program on 02/3/2023 by Bala Vikasa, Wgl.
3. Conducted Student Seminars & Group Discussion for students
4. To conduct Certificate Course in the month of March, for Bsc (Physi) and Bsc (Life Sci) 2nd year students.

1. T. Aruna - 
2. P. Prathibha - 
3. B. Swarna Lakshmi - 
4. P. Bharathi - 


28/5/23

PRINCIPAL

Pingle Govt. College for Women
(Accredited with 'A' Grade by NAAC)
Waddepally, Warangal - 506 370

Permission Letter

Date: 14-03-2023
Place: Hanamkonda

To
The Principal,
Pingle Govt. College for Women,
Waddepally, Warangal.


Respected sir,

Sub:- Request to accord permission to organize certificate course – Reg.

We, the department of Computer Science & Applications, would like to organize a Certificate Course in “**Fundamentals of Python**” from 15-03-2023 to 15-04-2023 for B.Sc.(Phy.Sci. & Life Sci.) second year students. At the end of the course, the students will be able to understand why Python is a useful scripting language for developers. So kindly accord permission

Thanking you sir,

Yours faithfully,


(T.Aruna)

Lecturer in Computer Science & Applications

16/3/2023
Principal
Pingle Govt. College for Women
(Accredited with NAAC 'A' Grade)
Waddepally, Hanamkonda-506 370

NOTICE

All the students are informed to attend the Certificate Course "FUNDAMENTAL OF PYTHON (FOP)" on 15-03-2023 in Room NO:60. This course will be conducted for 30 Hrs from the starting date and a Certificate will be presented to course completion students in the end. Treat it as an important activity.

Date: 14-03-2023



Head

Dept. of Computer Science & Applications

To

1. B.Sc.(M & B) 2ND YEAR

BROCHURE:

ABOUT THE COURSE

- The main objective of the course "Fundamentals of Python" designed to help you kick start your programming journey. This comprehensive Python course offers a certificate upon completion, covering essential topics like basic Python fundamentals, data structures, object-oriented programming.
- The Python programming language is a powerful tool for data analysis.
- In this course, you'll learn the basic concepts of Python programming
- Python is a widely used dynamic programming language compared to other languages such as Java, Perl, PHP, and Ruby.
- It has a unique syntax, which makes it different from other programming languages like Java, C++, and C.

PRINCIPAL

Prof. B. Chandramouli

Faculty: Smt. B. Swarnalatha
Smt. P. Prathibha
Smt. T. Aruna
Smt. P. Bharathi

Venue: Room. No: 60

ABOUT THE COLLEGE

Pingle Govt. College for Women (Autonomous), Waddepally, Hanamakonda has an illustrious and developmental history. It started with pre-university courses in Arts, Commerce and Science in the building donated by Pingle family in 1965. Since then it witnessed continuous and consistent development in expanding the courses. At present college is providing 17 U.G. and 10 P.G. courses and Certificate courses and one Add on Course, sponsored by UGC in Diploma in Front Office Management

ABOUT THE DEPARTMENT

Pingle Govt. College for Women (Autonomous), Waddepally, Hanamakonda has introduced the computer courses in the year 1998 with B.Sc Mathematics, Physics and Computer science combination. In the immediate successive year, i.e., (1998 - 1999) Computer course with B.A and B.Com classes also were introduced. Since then there has been a study and evident development of the department. Currently the courses are B.Sc. (Phy. Sci.) with MPCS, MCCS, MSCS, B.Com (CA) and BSC (Life Sci. with CS) & with new courses B.Sc. Data Science, BCA and M.Sc. Computer Science.

CERTIFICATE COURSE

ON
FUNDAMENTAL OF PYTHON (FOP)

15th MARCH, 2023



Organized by

**DEPARTMENT OF COMPUTER
SCIENCE & APPLICATIONS**

PINGLE GOVERNMENT COLLEGE FOR
WOMEN (AUTONOMOUS)
WADDEPALLY, HANAMKONDA
(Accredited with 'A' Grade by NAAC)

COURSES OFFERED

Under Graduation

- B.Sc. (Maths, Physics, Computer Science)
- B.Sc. (Maths, Statistics, Computer Science)
- B.Sc. (Maths, Statistics, Data Science)
- B.Sc. (Maths, Chemistry, Computer Science)
- B.Sc. (Botany, Zoology, Computer Science)
- B.Sc. (Microbiology, Zoology, Computer Science)
- B.Com. (Computer Applications)

e-mail: pgcwcs@gmail.com

Website:

<https://gdcts.cgg.gov.in/hanamkondawomen.edu>

HIGHLIGHTS OF DEPARTMENT

- Outcome Based Education
- Focus on programming hands-on
- Online Teaching Assistance through Video Lectures
- Motivation for Self learning Initiatives
- Well defined student Counselling and Mentoring process
- Maintaining e-Library using QR CODES
- Well defined Teaching-Learning Process with use of Technology Based Teaching Methodologies
- Value added course such as IOT, BIGDATA, CLOUD COMPUTING, PYTHON are regularly offered to students with Online Platforms Spoken Tutorial, Coursera, edX, Great Learning etc.,

Participating Students -
BSc. (M & B) 2nd Year



BROCHURE RELEASE



About the Certification Program:

Python is a high-level, general-purpose, and very popular programming language. Python programming language is being used in web development and machine Learning applications, along with all cutting-edge technology in the software industry.

Python is a popular programming language. It was created by Guido van Rossum, and released in 1991. It is used in web development, data science, creating software prototypes, and so on. Fortunately for beginners, Python has simple easy-to-use syntax. Python is one of the high-level, interpreted, and general-purpose programming languages that is easy to use, comprehensive, and powerful.

Python is a widely used dynamic programming language compared to other languages such as Java, Perl, PHP, and Ruby. It is often termed as a scripting language. It provides support for automatic memory management, and multiple programming paradigms, and implements the basic concepts of object-oriented programming (OOP).

Python programming language is supported with a huge and broad standard library. The library of Python provides support for many Internet protocols such as FTP, and IMAP. It has a unique syntax, which makes it different from other programming languages like Java, C++, and C.

LEARNING OBJECTIVES

- To understand why Python is a useful scripting language for developers.
- To learn how to design and program Python applications.
- To learn how to use lists, tuples, and dictionaries in Python programs.
- To learn how to identify Python object types.
- To learn how to use indexing and slicing to access data in Python programs.
- To define the structure and components of a Python program.
- To learn how to write loops and decision statements in Python.
- To learn how to write functions and pass arguments in Python.
- To learn how to build and package Python modules for reusability.
- To learn how to read and write files in Python.
- To learn how to design object-oriented programs with Python classes.
- To learn how to use exception handling in Python applications for error handling.

Course Outcomes:

At the end of the course, the students will be able to:

- To know the concept of functions in Python.
- Be capable of using basic functions like “if” and different types of loops.
- Be able to convert data types.
- To know how to work with lists.
- To know the difference between running Python programs on Mac and Windows.
- Be able to work with CSV files.
- Create and edit charts and graphics.

Syllabus

- Introduction to Python: Python Introduction, History of Python, Introduction to Python Interpreter and program execution, Python Installation Process in Windows and Linux, Python IDE, Introduction to Anaconda, python variable declaration, Keywords, Indents in Python, Python input/output operations
- Python's Operators are Arithmetic Operators, Comparison Operators, Assignment Operators, Logical Operators, Bitwise Operators, Membership Operators, Identity Operators, Ternary Operator, and Operator precedence.
- Python's Built-in Data Types String, List, Tuple, Set, and Dictionary (characteristics and methods)
- Conditional Statements & Loop Conditional Statements (If, If-else, If-elif-else, Nested-if, etc.) and loop control statements (for, while, Nested loops, Break, Continue, Pass statements)
- Function in Python. Introduction to functions, Function definition, and calling, Function parameters, Default argument function, Variable argument function, inbuilt functions in Python, Scope of variable in Python
- File Processing Concept of Files, File opening in various modes and closing of a file, Reading from a file, Writing onto a file, some important File handling functions e.g. open(), close(), read(), readline(), etc.



SCHEDULE:

S.No.	Date	Topic	Lecture by
1	15-03-2023	Python Introduction	P. Prathibha
2	16-03-2023	History & Installation	P. Prathibha
3	17-03-2023	Variables	B.Swarnalatha
4	18-03-2023	Working with numeric data	P.Prathibha
5	20-03-2023	Keywords, Indents	P. Prathibha
6	21-03-2023	Data types	P .Bharathia
7	22-03-2023	Operators	B.Swarnalatha
8	23-03-2023	Conditional Statements	P.Prathibha
9	24-03-2023	Looping statements	P .Bharathia
10	25-03-2023	Break, continue	P.Prathibha
11	27-03-2023	Functions	B.Swarnalatha
12	28-03-2023	Functions- string, dates	B.Swarnalatha
13	29-03-2023	Lists	P .Bharathia
14	30-03-2023	Tuples	B.Swarnalatha
15	31-03-2023	Dictionaries	B.Swarnalatha
16	01-04-2023	List methods	B.Swarnalatha
17	03-04-2023	Using Functions	B.Swarnalatha
18	04-04-2023	Strings	T.Aruna
19	05-04-2023	Using autofill and fill series option	P.Bharathi
20	06-04-2023	Copying formulas	B.Swarnalatha
21	07-04-2023	Formatting for numbers & dates	T.Aruna
22	08-04-2023	Cell addressing modes	P.Prathibha
23	10-04-2023	File Processing	P.Prathibha
24	11-04-2023	File handling functions	T.Aruna
25	12-04-2023	Sorting the list	T.Aruna
26	13-04-2023	Filtering the list	T.Aruna
27	14-04-2023	Anacondas	P.Bharathi
28	15-04-2023	Python Libraries	T.Aruna

HANDS – ON PRACTICE



ATTENDANCE

Sno	Student Name	15-03-2023	16-03-2023	17-03-2023	18-03-2023	20-03-2023	21-03-2023	22-03-2023	23-03-2023	24-03-2023	25-03-2023	27-03-2023	28-03-2023	29-03-2023	30-03-2023	31-03-2023	01-04-2023	03-04-2023	04-04-2023	05-04-2023	06-04-2023	07-04-2023	08-04-2023	10-04-2023	11-04-2023	12-04-2023	13-04-2023	14-04-2023	15-04-2023		
1	ADEEBA	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
2	AHLAM SADIQA	A	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	
3	AKULA VINODALAXMI	P	A	P	A	P	A	P	P	P	P	P	A	P	A	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	
4	ALLURI VATSALYA	A	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5	ASOLA HARIKA	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
6	BAIRAPAKA MOUNIKA	A	A	P	P	P	A	A	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
7	BANDI SHIRISHA	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
8	BANOTH DIVYA	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
9	BARIGALA NAVYA	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10	BELLAM LAVANYA	P	P	P	A	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	
11	BHUKYA AKHILA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
12	BHUKYA SHIREESHA	A	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
13	BHUKYA SUNITHA	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
14	BODA PRAVALIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
15	BONGUNURI SHIRISHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
16	BOTLA REKHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
17	BURRI MOUNIKA	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	
18	BYRU SONIA	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
19	CHAKINALA SANDHYA	P	P	A	P	P	A	P	A	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	
20	DANDIGA RAVALI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	DEVANADI HARIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	A	P	A	P	A	A	
22	DHARAVATH AKSHITHA	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	DHARAVATH SWAPNA	A	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	
24	ELADI NITHISHA	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	A	P	P	P	P	P	
25	ELAKANTI RAVALI	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
26	ELLANDULA ASHWINI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
27	ERRABOINA ANUSHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
28	GADDA VYSHNAVI	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	
29	GADDAM AKHILA	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
30	GADDAM ANJALI	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	
31	GADDAM SHIVARANI	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
32	GARE NAVYA SREE	A	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P	
33	GOLI SHARANYA	P	P	P	P	P	A	P	P	A	P	A	P	A	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	
34	GUNDA SAMATHA	P	P	A	P	A	P	P	P	P	A	A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
35	JAKKULA ISHWARYA	P	P	P	P	P	P	A	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
36	JAKKULA SHAILAJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
37	JAKKULA SUNITHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	
38	JANAGANI DIVYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	
39	JANGAM RAVALI	A	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	
40	JATTABOINA AKSHITHA	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	
41	KAITHOJU RAMYASRI	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
42	KODARI ANITHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	A	P	P	P	P	P	P	P	
43	KODI RAMYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
44	KOLIPAKA BLESSY JOY	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
45	KOMMA GOUTHAMI	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	
46	KOMMA PAVANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
47	KORRA AKHILA	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	A	P	P	P	P	P	P	P	
48	KORRA MOUNIKA	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	
49	KOTHA AKSHAYA	A	P	A	P	P	P	A	A	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	

Assignment Questions

1. Calculate the multiplication and sum of two numbers
2. Write a Python program that calculates the area of a circle based on the radius entered by the user.
3. Write a Python program to find those numbers which are divisible by 7 and multiples of 5
4. Program to swap first # and last element of a list
5. Write a Python program that accepts a sequence of comma-separated numbers from the user and generates a list and a tuple of those numbers.
6. Write a Python program that accepts a word from the user and reverses it.
7. Accept any three string from one input() call
8. Write a Python program to create a tuple with different data types.
9. Write a Python program to convert a tuple to a string.
10. Write a Python program to create a set.

FEEDBACK:

FEEDBACK FORM

**PINGLE GOVT. COLLEGE FOR WOMEN (A),
WADDEPALLY, HANUMAKONDA**

Department of Computer Science & Applications

CERTIFICATE COURSE

COURSE TITLE: FUNDAMENTALS OF PYTHON

DATE: 15-04-2023

Please fill the short Questionnaire to make the course better.

1. Were objective of the course clear to you? ✓
Y / N

2. The course content met with your expectations (d)
a. Strongly disagree b. Avg c. Good d. Strongly agree

3. The lecture sequence was well planned (d)
a. Strongly disagree b. Avg c. Good d. Strongly agree

4. The course exposed you to new knowledge and practices (d)
a. Strongly disagree b. Avg c. Good d. Strongly agree

5. The course material handed out was adequate (d)
a. Strongly disagree b. Avg c. Good d. Strongly agree

FEEDBACK FORM

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a. Strongly disagree b. Avg c. Good d. Strongly agree

5. The course material handed out was adequate (d)
a. Strongly disagree b. Avg c. Good d. Strongly agree

CERTIFICATES DISTRIBUTION



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CERTIFICATE

This is to certify that MS / Mrs. _____ has successfully completed "FUNDAMENTAL OF PYTHON (FOP)" course, conducted by the Dept. of Computer Science & Applications during 15th March 2023 to 15th April 2023.

Smt. T. Aruna
Co-ordinator

Prof. B. Chandramouli
PRINCIPAL