



ICTACADEMY®

Certificate of Membership

This is to certify that

**H.K.E. Society's Smt. Veeramma Gangasiri Degree
College & PG Centre for Women, Kalaburagi, Karnataka**

is an Institutional Member of ICT Academy.


Membership No : 14582
Valid till : 16 Feb 2022
New Delhi, India




M Sivakumar
Chief Executive Officer

ka.ictacademy.in

S.G. Gounhalli
IQAC Co-ordinator
Smt. V.G. Women's Degree College,
KALABURAGI


PRINCIPAL
Smt. V.G. Degree College for Women,
KALABURAGI

Proposal for Establishing **CISCO NETACAD CENTRE**



Through Training and Certification of Final/ Pre - Final Students
and

Certificate Course on
PYTHON PROGRAMMING

Dept. of Computer Science
Smt. V. G. Womens College
GULBARGA.

Implemented by



ICTACADEMY

S.G. Gombali
IQAC Co-ordinator
Smt. V.G. Women's Degree College,
KALABURAGI.

PRINCIPAL
Smt. V.G. Degree College for Women,
KALABURAGI.

In association with



Networking
Academy

This exclusive proposal is applicable and valid until
28 FEBRUARY 2021



1. INTRODUCTION TO CISCO NETACAD

ICT Academy in partnership with CISCO proposes to offer Industry specific student skill development programs and certifications for engineering students of its members Institutions. This proposal is submitted to offer training and certification for the students. CISCO through its NetAcad initiative aims to provide industry-recognized credentials that can help students succeed in their design career

With training of teachers and students as the primary objective, ICT Academy has been working through a seven pillar program in the areas of Faculty Development, Student Skill Development, Entrepreneurship Development, Youth Empowerment, Industry-Institute Interaction, Digital Empowerment and Research & Publications.

In partnership with CISCO Netacad, ICT Academy aims at setting up CISCO NetAcad centres across its member colleges to provide free learning resources to the students and also offer specialized career development program to students on subsidized fees to empower the Indian youth.

1.1. OPPORTUNITY TO BECOME CISCO NETACAD INSTITUTION MEMBER

Cisco Networking Academy transforms the lives of learners, educators and communities through the power of technology, education and career opportunities. Available to anyone, anywhere, ICT Academy as an authorized partner of CISCO NetAcad, is aiming at establishing NetAcad centres across its member institution. This proposal provides an opportunity for ICT Academy member institutions to initiate the process of obtaining CISCO NetAcad membership for your institution.

As part of our extensive IT skills and career-building program, CISCO offer a range of exploratory to career-ready courses that can be combined into complete pathways to prepare students for certification and lucrative, exciting careers that empower the digital economy. CISCO NetAcad provides the following benefits to partnering insitutions.

- Partnership branding to position your institution as CISCO NetAcad approved institution.
- High-quality courses, learning tools, education platform and teaching resources—all licensed free of charges for students.
- Discounts on global certification exams.
- Instructor training support from ICT Academy at subsidized course fee for select courses.
- Online simulations, games, quizzes, and assessments in portal.

Dept. of Computer Science
Smt. V. G. Women's College
2 GULBARGA

S.G. Gounkali
IQAC Co-ordinator
Smt. V.G. Women's Degree College,
KALABURAGI

PRINCIPAL
Smt. V.G. Degree College for Women,
KALABURAGI.



2. PROGRAMMING ESSENTIALS IN PYTHON

2.1. ABOUT PYTHON

Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic typing and dynamic binding, make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and packages, which encourages program modularity and code reuse. The Python interpreter and the extensive standard library are available in source or binary form without charge for all major platforms, and can be freely distributed.

2.2. WHY LEARN PYTHON ?

- It is **omnipresent** - people use numerous Python-powered devices on a daily basis, whether they realize it or not.
- There have been millions (well, actually **billions**) of lines of code written in Python, which means almost unlimited opportunities for **code reuse** and learning from well-crafted examples.
- It is **easy to learn** - the time needed to learn Python is shorter than for many other languages; this means that it's possible to start the actual programming faster.
- It is **easy to use** for writing new software - it's often possible to write code faster when using Python.
- It is **easy to obtain, install and deploy** - Python is free, open and multiplatform; not all languages can boast that.
- There is a **large and very active Python community**.
- It will give you a **solid foundation** and allow you to learn other programming languages (e.g., C++, Java, or C) much easier and much faster.
- It will be fun!

Pravin

Dept. of Computer Science
Smt. V. G. Women's College,
GULBARGA.

S. G. Goumbali
IQAC Co-ordinator
Smt. V.G. Women's Degree College,
KALABURAGI

[Signature]

PRINCIPAL
Smt. V.G. Degree College for Women,
KALABURAGI

2.4. COURSE OVERVIEW:

The Certificate course in Python covers all the basics of programming in Python, as well as general computer programming concepts and techniques. The course also familiarizes the student with the object-oriented approach.

Certificate Course Modules:

Module 1	Introduction
Module 2	Data types, variables, basic input-output operations, basic operators
Module 3	Boolean values, conditional execution, loops, lists and list processing, logical and bitwise operations
Module 4	Functions, tuples, dictionaries, and data processing
Module 5	Modules, packages, string and list methods, and exceptions
Module 6	The object-oriented approach: classes, methods, objects, and the standard objective features; exception handling, and working with files
Module 7	Database connectivity
Module 8	GUI (Graphic User Interface)

2.5. COURSE OBJECTIVES

The aim of the course is to:

- Familiarize the student with the universal concepts of computer programming,
- Present the Python programming language syntax, semantics, and the runtime environment,
- Acquaint the student with general coding techniques and object-oriented programming,
- Enable the student to start her/his own studies, and to open a path to the developer's career.

Dept. of Computer Science
Smt. V. G. Womens College
GULBARGA.

S.G. Gounbali
IQAC Co-ordinator
Smt. V.G. Women's Degree College,
KALABURAGI.

PRINCIPAL
Smt. V.G. Degree College for Women,
KALABURAGI.

2.6. COURSE DURATION: 70 HOURS OF BLENDED LEARNING

Blended Mode of Delivery including LIVE online experts sessions and self - paced learning.

Mode of Training	Duration of Training
Instructor Led Live online Classes	18 Hours
Self Learning	50 Hours
Assessment & Certification	02 Hours
Total Duration	70 Hours

2.7. TARGET AUDIENCE:

Graduating Students with prior knowledge of any programming language.

2.8. ASSESSMENT AND CERTIFICATION

On successful completion of the assessments in course, the student will be eligible for

- a) ICT Academy Certificate in Python Programming
- b) PCAP - Programming Essentials in Python

2.9. PROGRAM FEE

ICT Academy offers this exclusive course and certification for all ICT Academy Member Institutions as said below, for a minimum of 100 enrollments.

Programming Essential in Python Training & Certification Fee per student	INR 590 (Incl of 18% GST)
For Establishment of CISCO NetAcad Centre at institution powered by ICT Academy and training of the first batch of students on Programming essentials in python.	Minimum Students : 100 Course Fee Per Student : INR 590 Total Fee : INR 59,000

Dept. of Computer Science
Smt. V. G. Womens College
GULBARGA.

S. G. Gounbali
IQAC Co-ordinator
Smt. V.G. Women's Degree College
KALABURAGI.


PRINCIPAL
Smt. V.G. Degree College for Women,
KALABURAGI.

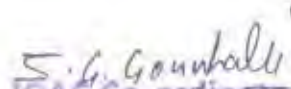



TO WHOMSOEVER IT MAY CONCERN

This is to inform the below students from H.K.E. Society's Smt. Veeramma Gangasiri Degree College & PG Centre for Women, Kalaburagi have completed the Programming Essentials in Python Program through Virtual Training by ICT Academy. The training program was conducted from 23 Aug 2021 to 28 Aug 2021.

S.No	Name	Degree	Stream	Year
1	ASMITHA SUGANDHI	B.Sc	Computer Science	3
2	ASHWINI SHANKAR CHINCHOLIKAR	B.Sc	Computer Science	1
3	SHRUTI S PATIL	B.Sc	Computer Science	3
4	Amita Mulimani	B.Sc	Computer Science	2
5	Shruti MH	B.Sc	Computer Science	2
6	Arpita AK	B.Sc	Computer Science	2
7	BHOOMIKA	B.Sc	Computer Science	2
8	Mamta	B.Sc	Computer Science	2
9	Arpita	B.Sc	Computer Science	2
10	Meghana	B.Sc	Computer Science	2
11	Rajeshwari panchal	B.Sc	Computer Science	2
12	UMME AIMAN	B.Sc	Computer Science	1
13	Ameena begum	B.Sc	Computer Science	2
14	Swaraaj	B.Sc	Computer Science	1
15	Shivani G R	B.Sc	Computer Science	2
16	Thanniru.Lavanya	B.Sc	Computer Science	2
17	Komala R	B.Sc	Computer Science	3
18	Bhavana	B.Sc	Computer Science	2
19	Shreyarani kalal	B.Sc	Computer Science	2
20	Shreya S S	B.Sc	Computer Science	2
21	MISBHA FATIMA	B.Sc	Computer Science	1
22	Pralibha M H	B.Sc	Computer Science	2
23	NANDINI	B.Sc	Computer Science	1
24	Soumya	B.Sc	Computer Science	2


Dept. of Computer Science
Smt. V. G. Womens College,
GULBARGA,


S.G. Gounhalli
IQAC Co-ordinator
Smt. V.G. Women's Degree College,
KALABURAGI.


PRINCIPAL
Smt. V.G. Degree College for Women,
KALABURAGI.



25	Ankita M D	B.Sc	Computer Science	2
26	Soundarya	B.Sc	Computer Science	2
27	Pratiksha Natikar	B.Sc	Computer Science	2
28	Deepali J More	B.Sc	Computer Science	4
29	Bhagyashree A.J	B.Sc	Computer Science	2
30	Sneha Raju	B.Sc	Computer Science	2
31	Laxmi shivputra mahamani	B.Sc	Computer Science	5
32	Anjana.MJamadar	B.Sc	Computer Science	2
33	Bhagyashri nagaraj	B.Sc	Computer Science	2
34	Prema patil	B.Sc	Computer Science	1
35	Sarika. J. Patil	B.Sc	Computer Science	2
36	M. Aishwarya	B.Sc	Computer Science	2
37	Srijal.V.S.A	B.Sc	Computer Science	1
38	Seetalakshmi J Harsoor	B.Sc	Computer Science	1
39	Umadevi vk	B.Sc	Computer Science	2
40	Shivaleela R Ronty	B.Sc	Computer Science	1
41	Shashikala Kallappa Bajantri	B.Sc	Computer Science	2
42	SHWETHA RAJSHEKHAR YARGAL	B.Sc	Computer Science	3
43	Nandini N	B.Sc	Computer Science	1
44	SHWETA L DODDAMANI	B.Sc	Computer Science	3
45	Saniya Fatima	B.Sc	Computer Science	2
46	Butool Fatima	B.Sc	Computer Science	2
47	Kouser parveen	B.Sc	Computer Science	2
48	Gouri s patil	B.Sc	Computer Science	2
49	Mohammadi Bushra	B.Sc	Computer Science	3
50	Bhagyashree somashekhar sabasagi	B.Sc	Computer Science	3
51	Kaveri	B.Sc	Computer Science	3
52	Sushma Basavaraj Bujurke	B.Sc	Computer Science	3
53	Akshata R Navanalli	B.Sc	Computer Science	3
54	Aishwarya vasant	B.Sc	Computer Science	2
55	KAVERI A H	B.Sc	Computer Science	3
56	Ramyashree	B.Sc	Computer Science	3
57	Sangeeta chinmalli	B.Sc	Computer Science	3
58	Lagashetti Pavitra	B.Sc	Computer Science	1
59	Bhagyashree	B.Sc	Computer Science	3
60	Shweta p Nadageri	B.Sc	Computer Science	1
61	Aishwarya	B.Sc	Computer Science	3
62	Niveditha m badiger	B.Sc	Computer Science	3
63	NIKHITA	B.Sc	Computer Science	2
64	Bhagyashree S Hadapad	B.Sc	Computer Science	3
65	KAVERI SHIVANAND KARAJGI	B.Sc	Computer Science	3

Pravin

Dept. of Computer Science
Smt. V. G. Womens College
GULBARGA.

S. G. Gounbali
IQAT Co-ordinator

Smt. V.G. Women's Degree College,
KALABURAGI.

Principals

PRINCIPAL
Smt. V.G. Degree College for Women,
KALABURAGI



66	Aishwarya.c.Math	B.Sc	Computer Science	3
67	Sahana Kulkarni	B.Sc	Computer Science	3
68	Soundarya G Hippergi	B.Sc	Computer Science	3
69	Shreelaxmi S	B.Sc	B.Sc	1
70	Sneha Reddy	B.Sc	B.Sc	2

For ICT Academy

Dept. of Computer Science
Smt. V. G. Womens College
GULBARGA.

IQAC Co-ordinator
Smt. V.G. Women's Degree College,
KALABURAGI.

PRINCIPAL
Smt. V.G. Degree College for Women,
KALABURAGI.

Statement of Achievement



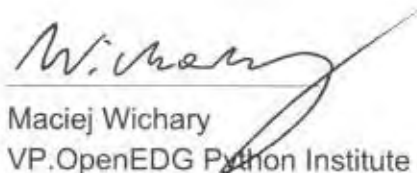
Presented To:

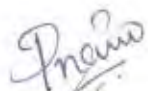
Gouri s Patil

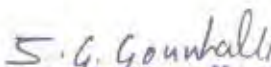
Name


During the Cisco Networking Academy® self-paced course, the student has studied the following Skills:

- the universal concepts of computer programming (i.e. variables, flow control, data structures, algorithms, conditional execution, loops, functions, etc.)
- developer tools and the runtime environment;
- the syntax and semantics of the Python language;
- the fundamentals of object-oriented programming and the way they are adopted in Python;
- the means by which to resolve typical implementation problems;
- the writing of Python programs using standard language infrastructure;
- fundamental programming techniques, best practices, customs and vocabulary, including the most common library function in Python 3;


Maciej Wichary
VP, OpenEDG Python Institute


Pravin
Dept. of Computer Science
Smt. V. G. Womens College
GULBARGA.


S.G. Gounbali
IQAC Co-ordinator
Smt. V.G. Women's Degree College
KALABURAGI.


PRINCIPAL
Smt. V.G. Degree College for Women,
KALABURAGI.

12 Sep 2021

Date

Statement of Achievement



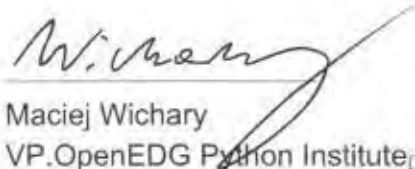
Presented To:

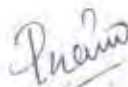
Shreyarani Kalal

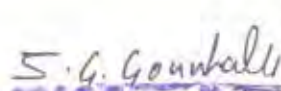
Name


During the Cisco Networking Academy® self-paced course, the student has studied the following Skills:

- the universal concepts of computer programming (i.e. variables, flow control, data structures, algorithms, conditional execution, loops, functions, etc.)
- developer tools and the runtime environment;
- the syntax and semantics of the Python language;
- the fundamentals of object-oriented programming and the way they are adopted in Python;
- the means by which to resolve typical implementation problems;
- the writing of Python programs using standard language infrastructure;
- fundamental programming techniques, best practices, customs and vocabulary, including the most common library function in Python 3;


Maciej Wichary
VP, OpenEDG Python Institute


Dept. of Computer Science
Smt. V. G. Womens College
GULBARGA,


IQAC Co-ordinator
Smt. V.G. Womens Degree College
KALABURAGI,


PRINCIPAL
Smt. V.G. Degree College for Women,
KALABURAGI.

13 Sep 2021

Date

