



# KONGU ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

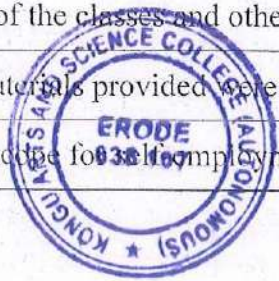
**ERODE – 638 107**

## DEPARTMENT OF COMPUTER SCIENCE (P.G.) 18VMCPP – PYTHON PROGRAMMING– REPORT

Name of the Value Added Course	PYTHON PROGRAMMING
Course code	18VMCPP
Course Coordinator	Ms. S. KARTHIKEYENI Associate Professor, Computer Science (P.G.)
Date	Starting Date: 09.07.2018      Ending Date: 26.09.2018
Duration of the Course	40 Hours
Total participants Enrolled	50
Successfully Completed	45
Type of Assessment	Objective and Descriptive
Course Outcome	On Completion of this course the students will be able to ❖ Gain knowledge about the basic syntax and data types in Python ❖ Learn about sets, conditional statements and loop structures in Python ❖ Understand the concepts of file processing, I/O formatting and exception handling in Python ❖ Define functions and modules using Python ❖ Learn the concept of OOPs in Python programming.
Outcome Attainment	40 out of 45 Students scored above 60% of Marks

### Feedback Question Analysis – Questions Asked

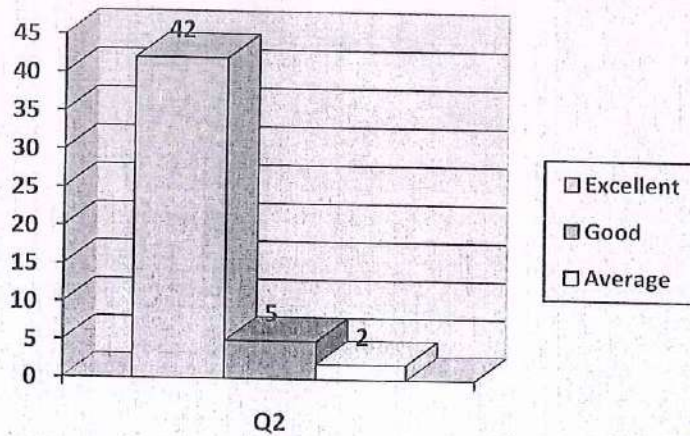
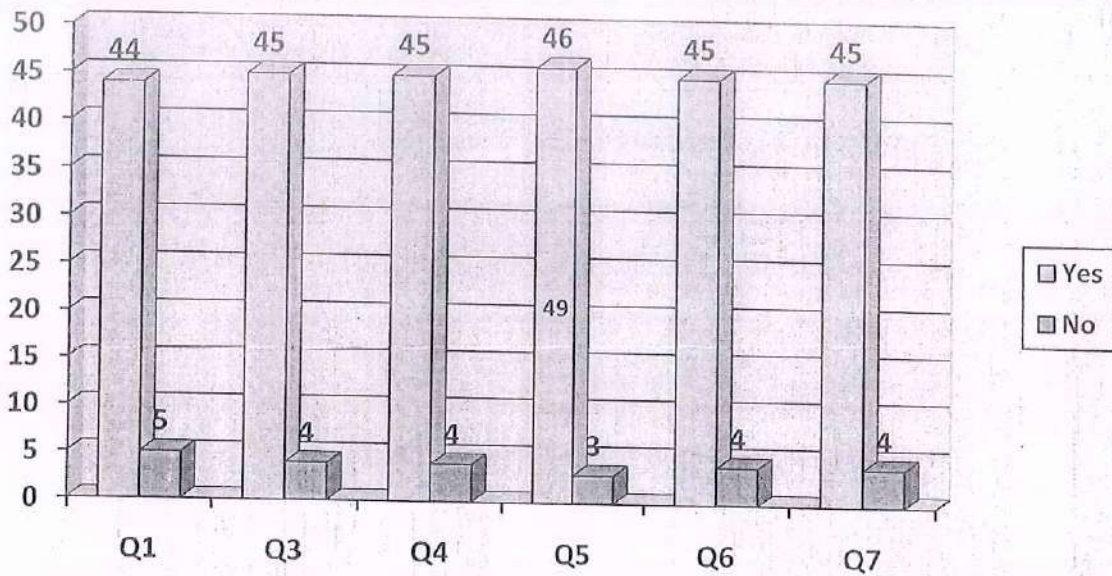
Q.No.	Parameters
Q1	The Course content was in line with my expectations
Q2	General content of the Course
Q3	The Course provided additional knowledge and skill
Q4	Well-designed Practical sessions
Q5	Schedule of the classes and other relevant details have been informed promptly
Q6	Course materials provided were useful
Q7	Provides scope for self-employment and fulfills the industrial needs



**Dr. N. RAMAN**  
PRINCIPAL,  
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### FEEDBACK RATINGS



**Dr. N. RAMAN**  
 PRINCIPAL,  
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*[Signature]*  
 Course Coordinator

*[Signature]*  
 Head of the Department

*[Signature]*  
 Principal,  
 KONGU ARTS AND SCIENCE COLLEGE  
 (AUTONOMOUS)  
 NANJANAPURAM, ERODE - 638 107.

**HEAD OF THE DEPARTMENT**  
 DEPARTMENT OF COMPUTER SCIENCE (PG)  
 KONGU ARTS AND SCIENCE COLLEGE  
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## DEPARTMENT OF COMPUTER SCIENCE(P.G.) VALUE ADDED COURSE (2018- 2019) – PROPOSAL

Date: 21.02.2018

Submitted to the Principal

We are planning to conduct a Value Added Course titled “18VMCPP – PYTHON PROGRAMMING” for all Department Students. The course will be benefitting the students for their career and placement activities. We kindly request you to grant permission for conducting the same.

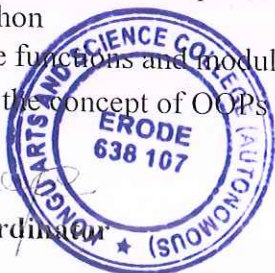
### COURSE DETAILS:

Name of the Course	18VMCPP – PYTHON PROGRAMMING	
Duration of the Course	40 Hours	
Conducting Department	Computer Science (P.G.)	
Course Coordinator(s)	Ms. S. KARTHIKEYENI Associate Professor, Computer Science (P.G.)	
Assessment Type (Total : 100 Marks)	Paper – I (Theory)	
	Section A Answer All Questions Objective Questions (25 x 1=25 Marks)	Section B Answer All Questions Either or type (5 x 15 =75 Marks)
	Paper – II (Practical)	
	Two Programs	

### OUTCOMES:

- On Completion of this course the students will be able to
- Gain knowledge about the basic syntax and data types in Python
  - Learn about sets, conditional statements and loop structures in Python
  - Understand the concepts of file processing, I/O formatting and exception handling in Python
  - Define functions and modules using Python
  - Learn the concept of OOPs in Python programming

Course Coordinator



*B. J. J.*  
Head of the Department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF COMPUTER SCIENCE (PG)  
KONGU ARTS AND SCIENCE COLLEGE  
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ERODE - 638 107.

*[Signature]*  
DR. N. RAMAN  
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*[Signature]*  
Principal,  
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**ERODE – 638 107**

**DEPARTMENT OF COMPUTER SCIENCE (P.G.)**

**VALUE ADDED COURSE(2018 - 2019) – CIRCULAR**

Date: 04.06.2018

Ref.No.:KASC-AE/CS(P.G.)/VAC/2018-19/02

It is informed that Value Added Course on “18VMCPP – PYTHON PROGRAMMING” will be conducted from 09.07.2018(Monday). Registration will be on First-Come First-Serve basis. Students are asked to enroll your names for the above mentioned course after the counseling sessions on the respective dates as follows:

III Year	II Year	I Year
Counseling Date 13.06.2018 (FN)	Counseling Date 13.06.2018 (AN)	Counseling Date 05.07.2018

HoDs and respective Department Staff Members are instructed to follow-up the same. Your whole hearted co-operation is needed to conduct the sessions in a gentle manner.

Total instruction Hours : 40 Hours  
Course Coordinator : **Ms. S. KARTHIKEYENI**  
Associate Professor, Computer Science (P.G.)

Mail-id : kascpgcs@gmail.com


  
Head of the Department


HEAD OF THE DEPARTMENT  
DEPARTMENT OF COMPUTER SCIENCE (PG)  
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ERODE - 638 107.

Copy to:

All Department Notice Board



  
Principal  
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Dr. N. RAMAN  
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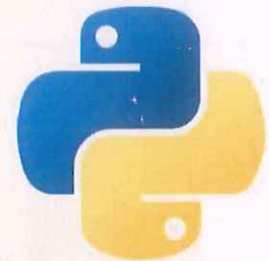
**KASC ACADEMY OF EXCELLENCE**

**ACADEMIC YEAR 2018 - 2019**

**VALUE ADDED COURSE  
ON  
PYTHON PROGRAMMING**

**COURSE CONTENT**

- Introduction
- Sets, Conditional and Looping Statements
- Files and Exceptions
- Functions and Modules
- OOPS




**COURSE DURATION**

**THEORY - 20 HOURS**

**PRACTICALS - 20 HOURS**

**COURSE OUTCOMES**

- Gain knowledge about the basic syntax and data types in Python
- Learn about sets, conditional statements and loop structures in Python
- Understand the concepts of file processing, I/O formatting and exception handling in Python
- Define functions and modules using Python
- Learn the concept of OOPs in Python programming

  
**Dr. N. RAMAN**  
PRINCIPAL,  
KONGU ARTS AND SCIENCE COLLEGE  
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NANJANAPURAM, ERODE - 638 107

**COORDINATOR**

**Ms. S.KARTHIKEYENI**  
ASSOCIATE PROFESSOR  
DEPARTMENT OF COMPUTER SCIENCE(P.G.)

**FOR WHOM  
ALL THE UG STUDENTS**

**ORGANISED BY  
DEPARTMENT OF  
COMPUTER SCIENCE(P.G.)**







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**ERODE – 638 107**

**DEPARTMENT OF COMPUTER SCIENCE (P.G.)**

**VALUE ADDED COURSE– SYLLABUS**

**18VMCPP – PYTHON PROGRAMMING**

## Course Objective:

To develop problem solving and programming skills using Python language and make the students familiar in writing Python programming.

## Paper I – PYTHON PROGRAMMING

<b>UNIT I</b>	<b>Introduction</b>	4 Hours
Introduction – setting up environment. Basic syntax of python: Multi-line statements, Quotations in Python, Lines and indentation, Comments, Blank lines, Identifiers, Keywords. Data types: Numbers, Strings, Tuples and sequences, Lists, Dictionaries.		
<b>UNIT II</b>	<b>Sets, Conditional and Looping Statements</b>	4 Hours
Sets: Uses of sets, Built-in functions of set, frozen set. Conditional statements: if statements, if..else statement, elif statement. Loops: While loop, For loop, Loop Control statements.		
<b>UNIT III</b>	<b>Files and Exceptions</b>	4 Hours
Files: Files and other operations on Files. Input and output formatting, Errors and exceptions: Syntax Errors – Runtime Errors or Exceptions, Exception handling, User-defined functions, Finally clause.		
<b>UNIT IV</b>	<b>Functions and Modules</b>	4 Hours
Functions: Function parameters – scope of the variables. Modules: Importing a module, search order followed by interpreter to locate a module, built-in function related to modules, packages.		
<b>UNIT V</b>	<b>OOPS</b>	4 Hours
OOPS: Classes, Inheritance, Garbage collection, method overriding, data encapsulation.		
<b>Total Hours</b>		<b>20 Hours</b>

## Text Book:

1.Fundamentals of Open Source Software, M.N. Rao, Kindle Edition, PHI, 2015.

## Reference Book(s):

1. Python Tutorial Release 3.2.3, Guido van Rossum and Fred L. Drake, Jr., editor, 2012, Python Software Foundation.
2. Python Practice Book Release 2014-08-10, AnandChitipothu, 2014.
3. Head First Python, Paul Burry, O'Reilly Media Inc., January 2015.
4. Core Python Programming, Wesley J. Chun, Prentice Hall PTR, 2000.



  
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ERODE – 638 107

DEPARTMENT OF COMPUTER SCIENCE (P.G.)

VALUE ADDED COURSE – SYLLABUS

18VMCPP – PYTHON PROGRAMMING

Paper II – PYTHON PROGRAMMING LAB

Sl. No.	Program	Hours
1	A website requires the users to input username and password to register. Write a program to check the validity of username and password.	2
2	Write a Python program to get the maximum and minimum value in a dictionary.	2
3	Write a Python program to use of frozensets	2
4	Write a Python program to check whether a given year is a leap year or not (control structures statement).	2
5	Write a Python program to find multiplication of elements in a list (looping statement).	2
6	Write a Python program to count the number of lines in a text file.	2
7	Write a function to compute division by zero error and use try/except to catch the exceptions.	2
8	Write a binary search function to search an item in a sorted list. The function should return the index of element to be searched in the list.	2
9	Generate a random float where the value should be between 10 and 100 using Python math module.	2
10	Write a Python class to implement pow(x, n).	2
<b>Total Hours</b>		<b>20 Hours</b>

**OUTCOME:** On Completion of this course the students will be able to

- Implement the basic concepts in Python
- Develop programs using different data types, conditional statements and loop structures in python
- Apply the concepts of Sets, files, exceptions, functions and classes in Python



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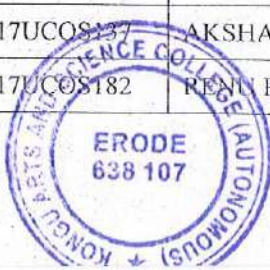
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DEPARTMENT OF COMPUTER SCIENCE (P.G.)

ACADEMIC YEAR : 2018- 2019

## 18VMCPP – PYTHON PROGRAMMING - FINAL ENROLLMENT LIST

S.No.	REG. NO.	NAME OF THE STUDENT	CLASS
1	16UBCA007	ASHWIN CHINNAPPAN S	III B.C.A.
2	16UBCA025	KAVIN C	III B.C.A.
3	16UBCA072	ANISHA S	III B.C.A.
4	16UBCA086	DURAISAMY M	III B.C.A.
5	16UBCA090	GOKULKANNAN M	III B.C.A.
6	16UBCA115	SANTHOSH P	III B.C.A.
7	16UBCA401	MADHUMITHA M	III B.C.A.
8	16UBIT020	JAISHREE V	III B.SC (BIOTECHNOLOGY)
9	16UCIT033	MYTHILI R R	III B.SC (INFORMATION TECHNOLOGY)
10	16UCIT058	SRIDHARSHINI R K	III B.SC (INFORMATION TECHNOLOGY)
11	16UCIT066	VINUDHARSHINI D	III B.SC (INFORMATION TECHNOLOGY)
12	16UCOS149	HARI PRAKASH A	III B.SC (COMPUTER SCIENCE)
13	16UCOS153	KARTHIKEYAN S	III B.SC (COMPUTER SCIENCE)
14	16UCOS161	MADHUMITHA R	III B.SC (COMPUTER SCIENCE)
15	16UCOS187	SANTHIYA P	III B.SC (COMPUTER SCIENCE)
16	16UCOS196	SUMITHA B	III B.SC (COMPUTER SCIENCE)
17	16UCOS197	TAMILSELVAN K	III B.SC (COMPUTER SCIENCE)
18	16UCOT019	HARINI D	III B.SC (COMPUTER TECHNOLOGY)
19	16UCOT027	KOWSIGA M	III B.SC (COMPUTER TECHNOLOGY)
20	16UCOT035	MOWNICA S	III B.SC (COMPUTER TECHNOLOGY)
21	16UCOT050	RESHMA A	III B.SC (COMPUTER TECHNOLOGY)
22	16UMAT011	GEETHA M	III B.SC (MATHEMATICS)
23	16UMAT022	JEEVITHA PRIYA DARSSINI P	III B.SC (MATHEMATICS)
24	16UMAT030	MADHUPREETHA K C	III B.SC (MATHEMATICS)
25	17UBCA020	KAVISSHREE V S P	II B.C.A.
26	17UCOS187	AKSHAYA S	II B.SC (COMPUTER SCIENCE)
27	17UCOS182	RENI PRIYAA K	II B.SC (COMPUTER SCIENCE)



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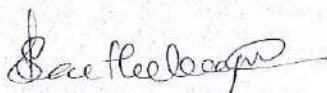
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DEPARTMENT OF COMPUTER SCIENCE (P.G.)

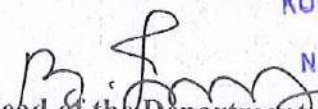
ACADEMIC YEAR : 2018- 2019


## 18VMCPP - PYTHON PROGRAMMING - FINAL ENROLLMENT LIST

S. No.	REG. NO.	NAME	CLASS
28	17UMAT001	ABINAYA S	II B.SC (MATHEMATICS)
29	17UMAT068	APARNA SREE R	II B.SC (MATHEMATICS)
30	17UMAT072	DHARANI S	II B.SC (MATHEMATICS)
31	17UMAT076	ENITHA B	II B.SC (MATHEMATICS)
32	17UMAT083	JEEVITHA M V	II B.SC (MATHEMATICS)
33	17UMAT087	KIRUTHIKA K	II B.SC (MATHEMATICS)
34	17UMAT093	MEHAVARSHINI V S	II B.SC (MATHEMATICS)
35	17UMAT096	MOUNIKA G	II B.SC (MATHEMATICS)
36	17UMAT102	NIVEDHA T	II B.SC (MATHEMATICS)
37	17UMAT114	SANGEETHA K	II B.SC (MATHEMATICS)
38	17UMAT116	SARMI M V	II B.SC (MATHEMATICS)
39	17UMAT118	SHALINI B	II B.SC (MATHEMATICS)
40	17UMAT119	SINDHUJA R M	II B.SC (MATHEMATICS)
41	17UMAT121	SOWMIYA S	II B.SC (MATHEMATICS)
42	17UMAT125	SUMITHA N	II B.SC (MATHEMATICS)
43	17UMAT127	SUSHMITHA D	II B.SC (MATHEMATICS)
44	17UPHY010	ISHWARYA T	II B.SC (PHYSICS)
45	17UPHY011	JAGANNATHAN K	II B.SC (PHYSICS)
46	17UPHY013	KAMALESH V KA	II B.SC (PHYSICS)
47	17UPHY014	KANAKASABAPATHI M	II B.SC (PHYSICS)
48	17UPHY018	KIRANKUMAR N	II B.SC (PHYSICS)
49	17UPHY023	MOHAN RAM R	II B.SC (PHYSICS)
50	17UPHY050	UDHAYASHANKARI S	II B.SC (PHYSICS)

  
Course Coordinator



  
Head of the Department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF COMPUTER SCIENCE (PG)  
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ERODE - 638 107.

  
Dr. N. RAMAN  
PRINCIPAL.  
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NANJANAPURAM, ERODE - 638 107.

Principal  
PRINCIPAL.  
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ERODE – 638 107

DEPARTMENT OF COMPUTER SCIENCE (P.G.)

ACADEMIC YEAR: 2018- 2019

SCHEDULE FOR THE VALUE ADDED COURSE

18VMCPP – PYTHON PROGRAMMING

S.No.	Date	Time	Topics Covered	Theory Hours	Lab Hours
1	09.07.2018	03.20 - 04.20	Introduction, Setting up environment, Basic syntax of Python: Multi-line statements, Quotations in Python	1	-
2	10.07.2018	03.20 - 04.20	Lines and indentation, Comments, Blank lines, Identifiers, Keywords	1	-
3	11.07.2018	03.20 - 04.20	Data types: Numbers, Strings, Tuples	1	-
4	12.07.2018	03.20 - 04.20	Data types: Sequences, List, Dictionaries	1	-
5	13.07.2018	03.20 - 04.20	Sets: Uses of Sets, Built-in functions of sets	1	-
6	16.07.2018	03.20 - 04.20	Frozen sets, Conditional statements: if statements	1	-
7	17.07.2018	03.20 - 04.20	if..else statement, elif statement, Loops: While loop	1	-
8	18.07.2018	03.20 - 04.20	For loop, Loop Control statements	1	-
9	19.07.2018	03.20 - 04.20	A website requires the users to input username and password to register. Write a program to check the validity of username and password.	-	1
10	20.07.2018	03.20 - 04.20		-	1
11	21.07.2018	03.20 - 04.20	Write a Python program to get the maximum and minimum value in a dictionary.	-	1
12	31.07.2018	03.20 - 04.20		-	1
13	01.08.2018	03.20 - 04.20	Files: Files and other operations on files	1	-
14	02.08.2018	03.20 - 04.20	Input and Output formatting	1	-
15	06.08.2018	03.20 - 04.20	Errors and Exceptions: Syntax errors, Runtime errors or Exceptions	1	-
16	07.08.2018	03.20 - 04.20	Write a Python program to use of frozensets.	-	1
17	09.08.2018	03.20 - 04.20		-	1
18	11.08.2018	03.20 - 04.20	Write a Python program to check whether a given year is a leap year or not (control structures statement).	-	1
19	13.08.2018	03.20 - 04.20		-	1
20	14.08.2018	03.20 - 04.20	Exceptions handling, User-defined functions, finally clause	1	-
21	16.08.2018	03.20 - 04.20	Functions: Function parameters, Scope of the variables	1	-
22	20.08.2018	03.20 - 04.20	Write a Python program to find multiplication of elements in a list (looping statement).	-	1
23	21.08.2018	03.20 - 04.20		-	1
24	23.08.2018	03.20 - 04.20	Write a Python program to count the number of lines in a text file.	-	1
25	24.08.2018	03.20 - 04.20		-	1



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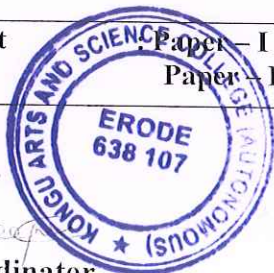
ACADEMIC YEAR : 2018-2019


SCHEDULE FOR THE VALUE ADDED COURSE


18VMCPP – PYTHON PROGRAMMING

S. No.	Date	Time	Topics Covered	Theory Hours	Lab Hours
26	06.09.2018	03.20 - 04.20	Modules: Importing a module	1	-
27	07.09.2018	03.20 - 04.20	Write a function to compute division by zero error and use try/except to catch the exceptions.	-	1
28	10.09.2018	03.20 - 04.20		-	1
29	11.09.2018	03.20 - 04.20	Search order followed by Interpreter to locate a module	1	-
30	12.09.2018	03.20 - 04.20	Built-in functions related to modules, Packages	1	-
31	14.09.2018	03.20 - 04.20	Write a binary search function to search an item in a sorted list. The function should return the index of element to be searched in the list.	-	1
32	17.09.2018	03.20 - 04.20		-	1
33	18.09.2018	03.20 - 04.20	OOPs: Classes, Inheritance	1	-
34	19.09.2018	03.20 - 04.20	Generate a random float where the value should be between 10 and 100 using Python math module.	-	1
35	20.09.2018	03.20 - 04.20		-	1
36	22.09.2018	02.20 - 03.20	Garbage Collection	1	-
37	22.09.2018	03.20 - 04.20	Method Overriding	1	-
38	24.09.2018	03.20 - 04.20	Write a Python class to implement pow(x, n).	-	1
39	25.09.2018	03.20 - 04.20		-	1
40	26.09.2018	03.20 - 04.20	Data Encapsulation	1	
<b>Total</b>				<b>20</b>	<b>20</b>
<b>Total Hours (Theory + Lab)</b>				<b>40 Hours</b>	
<b>Assessment Date &amp; Time : Paper - I 01.10.2018(AN) Paper - II 27.09.2018(FN)</b>					
<b>Type of Assessment : Paper - I : Objective And Descriptive Questions Paper - II : Practical Exam</b>					

  
Course Coordinator



  
Head of the Department  
HEAD OF THE DEPARTMENT  
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**Dr. N. RAMAN**  
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DEPARTMENT OF COMPUTER SCIENCE (P.G.)

18VMCPP - PYTHON PROGRAMMING - ATTENDANCE

S.No.	REG. NO.	NAME	9/7/18		10/7/18		11/7/18		12/7/18		13/7/18		16/7/18		17/7/18		18/7/18		19/7/18		20/7/18	
			3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm
1	16UBCA007	ASHWIN CHINNAPPAN S	a	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
2	16UBCA025	KAVIN C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
3	16UBCA072	ANISHA S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
4	16UBCA086	DURAISAMY M	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
5	16UBCA090	GOKULKANNAN M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
6	16UBCA115	SANTHOSH P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
7	16UBCA401	MADHUMITHA M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
8	16UBIT020	JAISHREE V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
9	16UCIT033	MYTHILI R R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
10	16UCIT058	SRIDHARSHINI R K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
11	16UCIT066	VINUDHARSHINI D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
12	16UCOS149	HARI PRAKASH A	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
13	16UCOS153	KARTHIKEYAN S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
14	16UCOS161	MADHUMITHA R	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
15	16UCOS187	SANTHIYA P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
16	16UCOS196	SUMITHA B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
17	16UCOS197	TAMILSELVAN K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
18	16UCOT019	HARINI D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
19	16UCOT027	KOWSIGA M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
20	16UCOT035	MOWNICA S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
21	16UCOT050	RESHMA A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
22	16UMAT011	GEETHA M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
23	16UMAT022	JEEVITHA PRIYA DARSSINI P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
24	16UMAT030	MADHUPREETHA K C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
25	17UBCA020	KAVISSHREE V S P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
26	17UCOS137	AKSHAYA S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
27	17UCOS138	RENU PRIYAA K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
28	17UMAT001	AKSHAYA S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	



Dr. N. RAMAN  
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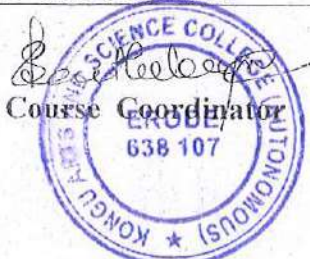
DEPARTMENT OF COMPUTER SCIENCE (P.G.)

18VMCPP - PYTHON PROGRAMMING - ATTENDANCE

S.No.	REG. NO.	NAME	9/7/18	10/7/18	11/7/18	12/7/18	13/7/18	16/7/18	17/7/18	18/7/18	19/7/18	20/7/18
			3-20pm 4-20pm	3-20pm 4-20pm	3-20pm 4-20pm	3-20pm 4-20pm	3-20pm 4-20pm	3-20pm 4-20pm	3-20pm 4-20pm	3-20pm 4-20pm	3-20pm 4-20pm	3-20pm 4-20pm
29	17UMAT068	APARNA SREE R	/	/	/	/	/	/	/	/	/	/
30	17UMAT072	DHARANI S	/	/	/	/	/	/	/	/	/	/
31	17UMAT076	ENITHA B	/	/	/	/	/	/	/	/	/	/
32	17UMAT083	JEEVITHA M V	/	/	/	/	/	/	/	/	/	/
33	17UMAT087	KIRUTHIKA K	/	/	/	/	/	a	/	/	/	/
34	17UMAT093	MEHAVARSHINI V S	/	/	/	/	/	/	/	/	/	/
35	17UMAT096	MOUNIKA G	a	/	/	/	/	/	/	/	/	/
36	17UMAT102	NIVEDHA T	/	a	/	/	/	/	/	/	/	a
37	17UMAT114	SANGEETHA K	/	/	/	/	/	/	/	/	/	/
38	17UMAT116	SARMI M V	/	/	/	/	/	/	/	/	/	/
39	17UMAT118	SHALINI B	/	/	/	/	/	/	/	/	/	/
40	17UMAT119	SINDHUJA R M	/	/	/	a	/	/	/	/	/	/
41	17UMAT121	SOWMIYA S	/	/	/	/	/	/	/	/	/	/
42	17UMAT125	SUMITHA N	/	/	/	/	/	/	/	/	/	a
43	17UMAT127	SUSHMITHA D	/	/	/	/	/	/	/	/	/	/
44	17UPHY010	ISHWARYA T	/	/	/	/	/	/	/	P	/	/
45	17UPHY011	JAGANNATHAN K	/	/	/	/	/	/	/	/	/	P
46	17UPHY013	KAMALESH V KA	/	/	/	/	/	/	/	/	/	/
47	17UPHY014	KANAKASABAPATHI M	/	/	/	P	P	/	/	/	a	a
48	17UPHY018	KIRANKUMAR N	/	/	/	/	/	/	/	/	/	/
49	17UPHY023	MOHAN RAM R	/	/	/	/	/	/	/	/	/	/
50	17UPHY050	UDHAYASHANKARI S	/	/	/	/	/	/	/	P	/	/
Faculty Signature												
Faculty Handling the Class			SV	SK	SK	SK	PK	PK	PK	PK	PK	SK

**Dr. N. RAMAN**

**PRINCIPAL,  
KONGU ARTS AND SCIENCE COLLEGE  
(AUTONOMOUS)  
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**Head of the Department**  
**HEAD OF THE DEPARTMENT**  
DEPARTMENT OF COMPUTER SCIENCE (PG)  
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ERODE - 638 107.

**Principal**  
**PRINCIPAL,**  
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(AUTONOMOUS)  
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# KONGU ARTS AND SCIENCE COLLEGE

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DEPARTMENT OF COMPUTER SCIENCE (P.G.)

18VMCPP - PYTHON PROGRAMMING - ATTENDANCE

S.No.	REG. NO.	NAME	21/7/18	31/7/18	1/8/18	2/8/18	6/8/18	7/8/18	9/8/18	11/8/18	13/8/18	14/8/18
			3:20 pm to 4:25 pm	3:20 pm to 4:25 pm	3:20 pm to 4:25 pm	3:20 pm to 4:25 pm	3:20 pm to 4:25 pm	3:20 pm to 4:25 pm	3:20 pm to 4:25 pm	3:20 pm to 4:25 pm	3:20 pm to 4:25 pm	3:20 pm to 4:25 pm
1	16UBCA007	ASHWIN CHINNAPPAN S	1	1	1	1	1	a	1	1	1	1
2	16UBCA025	KAVIN C	a	a	1	a	1	1	1	1	1	1
3	16UBCA072	ANISHA S	1	1	1	a	a	1	1	1	1	1
4	16UBCA086	DURAISAMY M	1	1	1	a	a	1	1	a	1	1
5	16UBCA090	GOKULKANNAN M	a	1	1	a	1	a	1	a	1	1
6	16UBCA115	SANTHOSH P	a	1	1	a	1	a	1	a	1	a
7	16UBCA401	MADHUMITHA M	1	1	1	a	1	1	1	1	1	1
8	16UBIT020	JAISHREE V	1	1	1	1	1	1	1	1	1	1
9	16UCIT033	MYTHILI R R	1	1	1	a	1	1	a	1	1	1
10	16UCIT058	SRIDHARSHINI R K	1	1	1	a	1	1	a	1	1	1
11	16UCIT066	VINUDHARSHINI D	1	1	1	a	1	1	a	1	1	1
12	16UCOS149	HARI PRAKASH A	1	1	a	1	1	1	1	1	1	1
13	16UCOS153	KARTHIKEYAN S	1	1	a	1	a	1	1	1	1	1
14	16UCOS161	MADHUMITHA R	1	a	1	1	1	1	a	1	a	1
15	16UCOS187	SANTHIYA P	1	1	1	1	1	1	1	1	1	1
16	16UCOS196	SUMITHA B	1	1	1	1	1	1	1	1	1	1
17	16UCOS197	TAMILSELVAN K	1	1	a	1	1	1	1	a	1	1
18	16UCOT019	HARINI D	1	1	1	1	a	1	a	a	1	1
19	16UCOT027	KOWSIGA M	1	1	1	1	1	1	a	a	1	1
20	16UCOT035	MOWNICA S	1	1	1	1	1	1	a	a	1	1
21	16UCOT050	RESHMA A	1	1	1	1	1	1	a	a	1	1
22	16UMAT011	GEETHA M	a	1	1	1	1	1	1	1	p	a
23	16UMAT022	JEEVITHA PRIYA DARSSINI P	1	1	1	1	a	1	a	1	p	a
24	16UMAT030	MADHUPREETHA K C	a	1	1	1	1	1	1	1	p	1
25	17UBCA020	KAVISSHREE V S P	1	1	1	1	1	1	1	1	1	1
26	17UCOS137	AKSHAYA S	1	1	1	1	1	1	1	1	1	a
27	17UCOS182	RENU PRIYAA K	1	1	1	1	1	1	1	1	1	1
28	17UMAT001	ABINAYA S	p	1	1	1	1	1	1	1	1	1



Dr. N. RAMAN  
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**ERODE - 638 107**

**DEPARTMENT OF COMPUTER SCIENCE (P.G.)**

**18VMCPP - PYTHON PROGRAMMING - ATTENDANCE**

S.No.	REG. NO.	NAME	2/7/18	3/7/18	1/8/18	2/8/18	6/8/18	7/8/18	9/8/18	11/8/18	13/8/18	14/8/18
			3:20pm to 4:20pm	3:20pm to 4:20pm	3:20pm to 4:20pm	3:20pm to 4:20pm	3:20pm to 4:20pm	3:20pm to 4:20pm	3:20pm to 4:20pm	3:20pm to 4:20pm	3:20pm to 4:20pm	3:20pm to 4:20pm
29	17UMAT068	APARNA SREE R	/	/	/	/	/	/	/	/	/	/
30	17UMAT072	DHARANI S	/	/	/	/	/	a	/	/	/	/
31	17UMAT076	ENITHA B	a	/	/	/	/	/	/	/	/	/
32	17UMAT083	JEEVITHA M V	/	/	/	/	/	a	/	p	/	/
33	17UMAT087	KIRUTHIKA K	/	/	/	/	/	a	a	/	/	/
34	17UMAT093	MEHAVARSHINI V S	/	/	/	/	/	/	/	/	/	/
35	17UMAT096	MOUNIKA G	/	/	/	/	/	/	/	a	/	/
36	17UMAT102	NIVEDHA T	/	/	/	/	/	/	/	/	/	/
37	17UMAT114	SANGEETHA K	/	/	/	/	/	/	/	/	/	/
38	17UMAT116	SARMI M V	/	/	/	/	/	/	/	/	/	/
39	17UMAT118	SHALINI B	/	/	/	/	/	/	/	/	/	/
40	17UMAT119	SINDHUJA R M	/	/	/	/	/	/	/	/	/	/
41	17UMAT121	SOWMIYA S	/	/	/	/	/	/	/	/	/	/
42	17UMAT125	SUMITHA N	/	/	/	/	/	a	/	P	/	/
43	17UMAT127	SUSHMITHA D	a	/	/	/	/	/	/	a	/	/
44	17UPHY010	ISHWARYA T	/	/	/	/	/	/	/	a	/	/
45	17UPHY011	JAGANNATHAN K	P	P	P	/	/	/	/	/	/	/
46	17UPHY013	KAMALESH V KA	/	/	/	/	/	/	/	/	/	/
47	17UPHY014	KANAKASABAPATHI M	a	P	/	P	/	P	P	P	P	P
48	17UPHY018	KIRANKUMAR N	/	/	/	/	/	/	/	/	/	/
49	17UPHY023	MOHAN RAM R	/	/	/	/	/	/	/	/	/	/
50	17UPHY050	UDHAYASHANKARI S	/	/	/	/	/	/	/	/	/	/
Faculty Signature												

Faculty Handling the Class  
 SK - Ms. S.Karthikeyeni  
 SV - Ms. S.Vanitha  
 PK - Mr. P.Kulandaivel

SK SV SV SV PK SK SK PK SK SV

**Dr. N. RAMAN**  
 PRINCIPAL.

KONGU ARTS AND SCIENCE COLLEGE  
 (AUTONOMOUS)  
 NANJANAPURAM, ERODE - 638 107.

Course Coordinator

Head of the Department  
 HEAD OF THE DEPARTMENT  
 DEPARTMENT OF COMPUTER SCIENCE (PG)  
 KONGU ARTS AND SCIENCE COLLEGE  
 (AUTONOMOUS)  
 ERODE - 638 107.

Principal,  
 KONGU ARTS AND SCIENCE COLLEGE  
 (AUTONOMOUS)  
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# KONGU ARTS AND SCIENCE COLLEGE

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ERODE - 638 107

DEPARTMENT OF COMPUTER SCIENCE (P.G.)

18VMCPP - PYTHON PROGRAMMING - ATTENDANCE

S.No.	REG. NO.	NAME	16/8/18	20/8/18	21/8/18	23/8/18	24/8/18	6/9/18	7/9/18	10/9/18	11/9/18	12/9/18
			3.20 pm 4.20 pm	3.20 pm 4.20 pm	3.20 pm 4.20 pm	3.20 pm 4.20 pm	3.20 pm 4.20 pm	3.20 pm 4.20 pm	3.20 pm 4.20 pm	3.20 pm 4.20 pm	3.20 pm 4.20 pm	3.20 pm 4.20 pm
1	16UBCA007	ASHWIN CHINNAPPAN S	/	a	a	a	a	a	a	a	/	/
2	16UBCA025	KAVIN C	/	/	/	/	/	a	a	a	/	a
3	16UBCA072	ANISHA S	/	a	/	/	/	a	a	/	a	a
4	16UBCA086	DURAISAMY M	/	a	/	/	/	a	a	/	/	/
5	16UBCA090	GOKULKANNAN M	a	a	/	a	/	a	a	/	/	/
6	16UBCA115	SANTHOSH P	/	a	/	a	a	a	a	a	/	/
7	16UBCA401	MADHUMITHA M	/	a	/	/	/	a	a	/	/	a
8	16UBIT020	JAISHREE V	/	/	/	/	/	/	/	/	/	/
9	16UCIT033	MYTHILI R R	/	/	/	/	a	a	/	/	P	/
10	16UCIT058	SRIDHARSHINI R K	/	/	/	/	a	a	a	a	a	a
11	16UCIT066	VINUDHARSHINI D	/	/	/	/	a	a	a	a	a	a
12	16UCOS149	HARI PRAKASH A	/	/	a	/	/	a	P	/	a	/
13	16UCOS153	KARTHIKEYAN S	/	/	/	/	/	a	P	a	a	/
14	16UCOS161	MADHUMITHA R	/	/	P	/	a	/	P	a	/	/
15	16UCOS187	SANTHIYA P	/	/	P	a	/	/	P	/	a	/
16	16UCOS196	SUMITHA B	/	/	P	/	/	/	P	/	/	/
17	16UCOS197	TAMILSELVAN K	/	/	/	/	/	a	P	/	P	/
18	16UCOT019	HARINI D	/	/	/	a	a	/	a	/	a	a
19	16UCOT027	KOWSIGA M	/	a	a	/	a	/	a	/	a	a
20	16UCOT035	MOWNICA S	/	/	/	/	a	/	a	a	a	a
21	16UCOT050	RESHMA A	/	/	/	/	a	/	a	/	a	/
22	16UMAT011	GEETHA M	/	/	/	/	/	/	a	/	/	/
23	16UMAT022	JEEVITHA PRIYA DARSSINI P	/	/	/	/	/	/	a	/	/	/
24	16UMAT030	MADHUPREETHA K C	/	/	/	/	/	/	a	/	/	/
25	17UBCA020	KAVISSHREE V S P	/	/	/	/	/	a	/	/	/	/
26	17UCOS137	AKSHAYA S	a	/	/	/	/	/	/	/	/	/
27	17UCOS182	RENU PRIYAA K	/	/	/	/	/	/	/	/	/	/
28	17UMAT001	ABINAYA S	/	/	/	/	/	/	/	/	/	/



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**ERODE - 638 107**

**DEPARTMENT OF COMPUTER SCIENCE (P.G.)**

**18VMCPP - PYTHON PROGRAMMING - ATTENDANCE**

S.No.	REG. NO.	NAME	16/8/18	20/8/18	21/8/18	23/8/18	24/8/18	6/9/18	7/9/18	10/9/18	11/9/18	12/9/18
			9.20 am 4.20 pm	9.20 am 4.20 pm	9.20 am 4.20 pm	9.20 am 4.20 pm	9.20 am 4.20 pm	9.20 am 4.20 pm	9.20 am 4.20 pm	9.20 am 4.20 pm	9.20 am 4.20 pm	9.20 am 4.20 pm
29	17UMAT068	APARNA SREE R	/	/	/	/	/	/	/	/	/	/
30	17UMAT072	DHARANI S	/	/	/	/	/	/	/	/	/	/
31	17UMAT076	ENITHA B	/	/	/	/	/	/	/	/	P	/
32	17UMAT083	JEEVITHA M V	P	/	/	P	/	P	/	/	/	a
33	17UMAT087	KIRUTHIKA K	/	/	/	/	/	/	/	/	/	a
34	17UMAT093	MEHAVARSHINI V S	/	/	/	/	/	/	/	/	/	/
35	17UMAT096	MOUNIKA G	/	/	/	/	/	a	/	/	/	/
36	17UMAT102	NIVEDHA T	/	/	/	/	/	/	a	/	/	/
37	17UMAT114	SANGEETHA K	/	/	/	/	/	/	/	/	/	/
38	17UMAT116	SARMI M V	/	/	/	/	/	/	/	/	/	/
39	17UMAT118	SHALINI B	/	/	/	/	/	/	/	/	/	/
40	17UMAT119	SINDHUJA R M	/	/	/	/	/	/	/	/	/	/
41	17UMAT121	SOWMIYA S	/	/	/	/	/	/	/	/	/	/
42	17UMAT125	SUMITHA N	P	/	/	P	/	P	P	/	/	a
43	17UMAT127	SUSHMITHA D	/	/	/	/	/	P	P	/	/	/
44	17UPHY010	ISHWARYA T	/	/	/	P	a	a	/	/	/	/
45	17UPHY011	JAGANNATHAN K	/	a	a	a	P	P	/	P	/	/
46	17UPHY013	KAMALESH V KA	a	/	/	/	/	/	/	/	/	/
47	17UPHY014	KANAKASABAPATHI M	P	/	a	/	a	P	/	/	P	a
48	17UPHY018	KIRANKUMAR N	/	/	/	/	/	/	/	/	/	/
49	17UPHY023	MOHAN RAM R	/	/	/	/	/	/	/	/	/	/
50	17UPHY050	UDHAYASHANKARI S	a	/	/	P	P	a	/	/	/	/
Faculty Signature												
Faculty Handling the Class			SK	PE	SV	SV	SK	PE	PE	PE	PE	PE

**Dr. N. RAMAN**  
PRINCIPAL,  
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Course Coordinator

Head of the Department  
**HEAD OF THE DEPARTMENT**  
DEPARTMENT OF COMPUTER SCIENCE (PG)  
KONGU ARTS AND SCIENCE COLLEGE  
(AUTONOMOUS)  
ERODE - 638 107.

Principal  
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# KONGU ARTS AND SCIENCE COLLEGE

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ERODE - 638 107

DEPARTMENT OF COMPUTER SCIENCE (P.G.)

18VMCPP - PYTHON PROGRAMMING - ATTENDANCE

S.No.	REG. NO.	NAME	14/9/18	17/9/18	18/9/18	19/9/18	20/9/18	22/9/18	23/9/18	24/9/18	25/9/18	26/9/18
			3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm	3:20 pm 4:20 pm
1	16UBCA007	ASHWIN CHINNAPPAN S	P	P	P	/	/	/	/	P	P	/
2	16UBCA025	KAVIN C	P	P	P	/	/	/	/	P	P	/
3	16UBCA072	ANISHA S	P	P	P	/	/	/	/	P	P	/
4	16UBCA086	DURAISAMY M	P	P	P	/	/	/	/	P	P	/
5	16UBCA090	GOKULKANNAN M	a	a	a	a	a	a	a	a	a	a
6	16UBCA115	SANTHOSH P	a	P	a	/	a	/	/	P	P	a
7	16UBCA401	MADHUMITHA M	P	P	P	/	/	/	/	P	a	/
8	16UBIT020	JAISHREE V	/	/	/	P	P	P	P	/	/	P
9	16UCIT033	MYTHILI R R	/	/	/	/	/	/	/	/	P	/
10	16UCIT058	SRIDHARSHINI R K	a	/	/	/	/	/	/	/	P	P
11	16UCIT066	VINUDHARSHINI D	/	/	/	/	/	/	/	/	P	/
12	16UCOS149	HARI PRAKASH A	a	/	/	a	/	a	a	/	/	a
13	16UCOS153	KARTHIKEYAN S	a	/	/	a	/	a	a	/	/	a
14	16UCOS161	MADHUMITHA R	/	a	/	a	a	/	/	/	/	/
15	16UCOS187	SANTHIYA P	/	/	/	a	a	/	/	/	/	/
16	16UCOS196	SUMITHA B	/	/	/	/	/	/	/	/	P	/
17	16UCOS197	TAMILSELVAN K	a	/	/	a	/	a	a	/	/	a
18	16UCOT019	HARINI D	/	/	/	/	/	/	/	/	P	P
19	16UCOT027	KOWSIGA M	/	a	/	/	/	/	/	/	P	P
20	16UCOT035	MOWNICA S	/	/	/	/	/	/	/	/	P	P
21	16UCOT050	RESHMA A	a	/	/	/	/	/	/	/	P	P
22	16UMAT011	GEETHA M	/	/	a	P	a	P	P	/	/	/
23	16UMAT022	JEEVITHA PRIYA DARSSINI P	/	/	a	P	a	P	P	/	/	/
24	16UMAT030	MADHUPREETHA K C	/	/	a	P	a	P	P	/	/	/
25	17UBCA020	KAVISSHREE V S P	/	P	a	/	/	/	/	/	a	/
26	17UCOS137	AKSHAYA S	/	/	/	P	/	/	/	/	/	/
27	17UCOS182	RENU PRIYAA K	/	/	/	/	/	/	/	/	P	P
28	17UMAT001	ABINAYA S	/	/	a	P	P	P	P	/	P	P



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**DEPARTMENT OF COMPUTER SCIENCE (P.G.)**

**18VMCPP - PYTHON PROGRAMMING - ATTENDANCE**

S.No.	REG. NO.	NAME	14/9/18	17/9/18	18/9/18	19/9/18	20/9/18	22/9/18	23/9/18	24/9/18	25/9/18	26/9/18
			3:30 pm 4:20 pm	3:30 pm 4:20 pm	3:30 pm 4:20 pm	3:30 pm 4:20 pm	3:30 pm 4:20 pm	3:30 pm 4:20 pm	3:30 pm 4:20 pm	3:30 pm 4:20 pm	3:30 pm 4:20 pm	3:30 pm 4:20 pm
29	17UMAT068	APARNA SREE R	/	/	a	P	a	P	P	/	/	/
30	17UMAT072	DHARANI S	/	/	a	P	a	P	P	/	/	/
31	17UMAT076	ENITHA B	/	/	a	P	a	P	P	a	a	/
32	17UMAT083	JEEVITHA M V	/	a	a	P	a	P	P	/	/	/
33	17UMAT087	KIRUTHIKA K	/	/	a	P	a	P	P	/	/	P
34	17UMAT093	MEHAVARSHINI V S	/	/	a	P	a	P	P	/	/	/
35	17UMAT096	MOUNIKA G	/	/	a	P	a	P	P	a	/	/
36	17UMAT102	NIVEDHA T	/	/	a	P	a	P	P	a	/	a
37	17UMAT114	SANGEETHA K	/	/	a	P	a	P	P	/	/	/
38	17UMAT116	SARMI M V	/	/	a	P	a	P	P	/	/	/
39	17UMAT118	SHALINI B	/	/	a	P	a	P	P	/	/	/
40	17UMAT119	SINDHUJA R M	/	/	a	P	a	P	P	/	/	/
41	17UMAT121	SOWMIYA S	/	/	a	P	a	P	P	/	/	/
42	17UMAT125	SUMITHA N	/	a	a	P	a	P	P	/	/	/
43	17UMAT127	SUSHMITHA D	/	/	a	P	a	P	P	/	/	a
44	17UPHY010	ISHWARYA T	/	/	/	a	P	a	a	/	/	/
45	17UPHY011	JAGANNATHAN K	P	P	P	a	P	a	a	/	a	/
46	17UPHY013	KAMALESH V KA	/	/	/	a	P	a	a	/	/	/
47	17UPHY014	KANAKASABAPATHI M	a	/	/	a	P	a	a	/	/	/
48	17UPHY018	KIRANKUMAR N	/	/	/	a	P	a	a	/	/	/
49	17UPHY023	MOHAN RAM R	/	/	/	a	P	a	a	/	/	/
50	17UPHY050	UDHAYASHANKARI S	/	/	/	a	P	a	a	/	/	a
Faculty Signature												
Faculty Handling the Class			PK	PK	PK	SK	PK	SK	SK	SK	SK	SK

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**Course Coordinator**  
ERODE  
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**Head of the Department**  
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ERODE – 638 107

DEPARTMENT OF COMPUTER SCIENCE (P.G.)

18VMCPP – PYTHON PROGRAMMING

PAPER – I PYTHON PROGRAMMING - QUESTION PAPER

Date: 01.10.2018

Time: 1.30 pm to 4.30 pm

Duration: 3 Hrs

Marks: 100

Section – A (25 \* 1 = 25 Marks)

Answer ALL the Questions

I. Choose the Correct Answer:

(10 \* 1 = 10 Marks)

- Python supports \_\_\_\_\_ type checking.  
(a) Static (b) Dynamic (c) Modular (d) Integrated
- In \_\_\_\_\_ mode python gives immediate feedback to each statement.  
(a) Interactive (b) Normal (c) Command (d) Shell
- A \_\_\_\_\_ is a collection of elements with no duplication.  
(a) Set (b) Function (c) Object (d) Class
- \_\_\_\_\_ function is used to add a single element to the set.  
(a) Update (b) Add (c) Append (d) Addelement
- \_\_\_\_\_ mode is used to open the file in binary format for both appending and reading.  
(a) a (b) ab+ (c) ab (d) a+
- Exceptions are also known as \_\_\_\_\_.  
(a) Semantic error (b) Syntax error (c) Runtime error (d) System error
- Assigning a value to a name outside the function is known as \_\_\_\_\_.  
(a) Local (b) Global (c) Environmental (d) Static
- \_\_\_\_\_ includes the definitions of functions, variables and classes.  
(a) Module (b) Set (c) Frozenset (d) Dictionary
- \_\_\_\_\_ operator can be used to access the class members.  
(a) . (b) \* (c) , (d) #
- The process of redefining the method in the subclass which has been already defined in a super class is known as \_\_\_\_\_.  
(a) Method overloading (b) Method overriding  
(c) Method definition (d) Method Declaration

II Fill in the blanks:

(5 \* 1 = 5 Marks)

- \_\_\_\_\_ is a open source, high level, object oriented, interpreted, dynamic programming language.
- \_\_\_\_\_ function is used to delete all the elements from a set.
- \_\_\_\_\_ method is used to know the current position of the cursor.
- Reusable blocks are \_\_\_\_\_.
- The process of inheriting the characteristics of one class into another class is called \_\_\_\_\_.



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**III. Say True or False:**

(5 \* 1 = 5 Marks)

16. Python is a scripting language.
17. Frozen sets are mutable.
18. wb is the mode to open the file for writing the contents.
19. The values in the function call are called parameters.
20. Encapsulation can hide the attributes of an object from outside the class.

**IV. Match the Following:**

(5 \* 1 = 5 Marks)

- |                |   |           |
|----------------|---|-----------|
| 21. Dictionary | - | Package   |
| 22. For        | - | Objects   |
| 23. Truncate   | - | Data type |
| 24. Module     | - | Loop      |
| 25. Classes    | - | Size      |

**SECTION - B (15 \* 5 = 75 Marks)**

**Answer ALL the Questions**

26. (a) Discuss about data types in Python.  
(Or)  
(b) Explain in brief about basic syntax of Python.
27. (a) Describe the conditional and looping statements in Python with examples.  
(Or)  
(b) Write a Python program to validate the username and password entered by the user.
28. (a) List the file modes with descriptions in Python.  
(Or)  
(b) Discuss about the various file operations in Python.
29. (a) Write a Python program to calculate the product of elements in a list using function.  
(Or)  
(b) Discuss in detail on modules in Python.
30. (a) Explain in detail about classes and inheritance in Python with examples.  
(Or)  
(b) Discuss about method overriding and data encapsulation in Python with examples.



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**ERODE – 638 107**

DEPARTMENT OF COMPUTER SCIENCE (P.G.)

18VMCPP – PYTHON PROGRAMMING

PAPER - II PYTHON PROGRAMMING LAB

**Date:** 27/09/2018 (FN)

**Duration:** 3 Hrs

**Marks:** 100

1. a) A website requires the users to input username and password to register. Write a program to check the validity of username and password.  
b) Generate a random float where the value should be between 10 and 100 using Python math module.
2. a) Write a Python program to get the maximum and minimum value in a dictionary.  
b) Write a Python program to count the number of lines in a text file.
3. a) Write a Python program to implement the use of frozensets.  
b) Write a function to compute division by zero error and use try/except to catch the exceptions.
4. a) Write a Python program to check whether a given year is a leap year or not.  
b) Write a Python class to implement  $\text{pow}(x, n)$ .
5. a) Write a binary search function to search an item in a sorted list. The function should return the index of element to be searched in the list.  
b) Write a Python program to find multiplication of elements in a list.



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DEPARTMENT OF COMPUTER SCIENCE (P.G.)

18VMCPP - PYTHON PROGRAMMING - MARK STATEMENT

Sl. NO.	REG.NO.	THEORY	PRACTICAL	AVERAGE	RESULT	GRADE
1	16UBCA007	AB	AB	ABSENT	FAIL	**
2	16UBCA025	40	60	50	PASS	B
3	16UBCA072	66	100	83	PASS	A+
4	16UBCA086	40	60	50	PASS	B
5	16UBCA090	AB	AB	ABSENT	FAIL	**
6	16UBCA115	AB	AB	ABSENT	FAIL	**
7	16UBCA401	60	100	80	PASS	A+
8	16UBIT020	83	100	92	PASS	A++
9	16UCIT033	64	100	82	PASS	A+
10	16UCIT058	88	100	94	PASS	A++
11	16UCIT066	61	82	72	PASS	A
12	16UCOS149	40	79	60	PASS	B+
13	16UCOS153	AB	AB	ABSENT	FAIL	**
14	16UCOS161	63	100	82	PASS	A+
15	16UCOS187	50	89	70	PASS	A
16	16UCOS196	94	100	97	PASS	A++
17	16UCOS197	24	50	37	FAIL	**
18	16UCOT019	40	100	70	PASS	A
19	16UCOT027	40	100	70	PASS	A
20	16UCOT035	83	100	92	PASS	A++
21	16UCOT050	79	100	90	PASS	A++
22	16UMAT011	84	95	90	PASS	A++
23	16UMAT022	56	85	71	PASS	A
24	16UMAT030	79	100	90	PASS	A++
25	17UBCA020	49	90	70	PASS	A
26	17UCOS137	65	100	83	PASS	A+
27	17UCOS182	77	82	80	PASS	A+
28	17UMAT001	40	80	60	PASS	B+
29	17UMAT068	40	82	61	PASS	B+
30	17UMAT072	66	100	83	PASS	A+



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18VMCPP - PYTHON PROGRAMMING - MARK STATEMENT

Sl. NO.	REG.NO.	THEORY	PRACTICAL	AVERAGE	RESULT	GRADE
31	17UMAT076	81	88	85	PASS	A+
32	17UMAT083	59	100	80	PASS	A+
33	17UMAT087	50	50	50	PASS	B
34	17UMAT093	59	80	70	PASS	A
35	17UMAT096	70	100	85	PASS	A+
36	17UMAT102	40	87	64	PASS	B+
37	17UMAT114	78	90	84	PASS	A+
38	17UMAT116	89	90	90	PASS	A++
39	17UMAT118	59	80	70	PASS	A
40	17UMAT119	82	100	91	PASS	A++
41	17UMAT121	71	88	80	PASS	A+
42	17UMAT125	59	84	72	PASS	A
43	17UMAT127	61	80	71	PASS	A
44	17UPHY010	40	100	70	PASS	A
45	17UPHY011	49	50	50	PASS	B
46	17UPHY013	87	52	70	PASS	A
47	17UPHY014	40	50	45	PASS	C
48	17UPHY018	46	95	71	PASS	A
49	17UPHY023	40	100	70	PASS	A
50	17UPHY050	40	79	60	PASS	B+
90-100	A++ - Outstanding			60-69	B+ - Good	
80-89	A+ - Excellent			50-59	B - Average	
70-79	A - Very Good			40-49	C - Satisfactory	

### SUBJECT DETAILS

CODE	SUBJECT	MAX. MARKS
Theory - I	Paper - I Python Programming	100
Theory - II	Paper - II Python Programming Lab	100



*[Signature]*  
 Head of the Department  
**HEAD OF THE DEPARTMENT**  
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*[Signature]*  
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18VMCPP – PYTHON PROGRAMMING - PHOTOGRAPH



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DEPARTMENT OF COMPUTER SCIENCE (P.G.)


18VMCPP - PYTHON PROGRAMMING- STUDENTS FEEDBACK

Name of the Student	
Register Number	
Department	
Year	

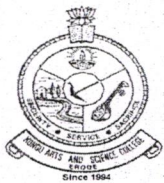
Parameters	Yes	No	
The Course content was in line with my expectations	Yes	No	
General content of the Course	Excellent	Good	Average
The Course provided additional knowledge and skill	Yes	No	
Well-designed Practical sessions	Yes	No	
Schedule of the classes and other relevant details have been informed promptly	Yes	No	
Course materials provided were useful	Yes	No	
Provides scope for self-employment and fulfills the industrial needs	Yes	No	

Student Signature



  
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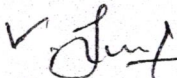
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DEPARTMENT OF COMPUTER SCIENCE (P.G.)


18VMCPP – PYTHON PROGRAMMING - STUDENTS FEEDBACK

Name of the Student	V.JAISHREE
Register Number	16UBIT020
Department	B.BC (Biotechnology)
Year	2018-2019

Parameters	Yes	No	
The Course content was in line with my expectations	Yes	No	
General content of the Course	Excellent	Good	Average
The Course provided additional knowledge and skill	Yes	No	
Well-designed Practical sessions	Yes	No	
Schedule of the classes and other relevant details have been informed promptly	Yes	No	
Course materials provided were useful	Yes	No	
Provides scope for self-employment and fulfills the industrial needs	Yes	No	

  
Student Signature



  
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18VMCPP - PYTHON PROGRAMMING - STUDENTS FEEDBACK

Name of the Student	B.ENITHA
Register Number	17UMAT076
Department	B.Sc. (Mathematics)
Year	2018-2019

Parameters	Yes	No	
The Course content was in line with my expectations	Yes <sup>✓</sup>	No	
General content of the Course	Excellent <sup>✓</sup>	Good	Average
The Course provided additional knowledge and skill	Yes <sup>✓</sup>	No	
Well-designed Practical sessions	Yes <sup>✓</sup>	No	
Schedule of the classes and other relevant details have been informed promptly	Yes <sup>✓</sup>	No	
Course materials provided were useful	Yes <sup>✓</sup>	No	
Provides scope for self-employment and fulfills the industrial needs	Yes <sup>✓</sup>	No	

B.Enitha  
Student Signature



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with A+ Grade conducted by the

Department of Computer Science (PG)

during the Academic Year 2018 -2019



*Santhosh Kumar*  
Course Coordinator

*Dr. N. Ramana*  
Convener  
Academy of Excellence

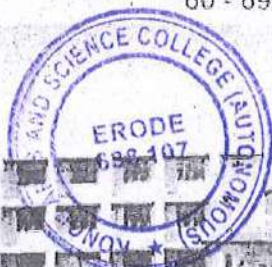
*Dr. N. Ramana*  
Principal

Correspondent

90 - 100 : A++ - Outstanding  
80 - 89 : A+ - Excellent

70 - 79 : A - Very Good  
60 - 69 : B+ - Good

50 - 59 : B - Average  
40 - 49 : C - Satisfactory



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