

SN COLLEGE,
CHENGANNUR



DEPARTMENT OF MATHEMATICS
2018-2019

Certificate course on
Data Analysis using Python
software

With



Ajay

REGISTER NOW

For registration details contact:
K. Mini, HOD





Sree Narayana College Chengannur

Affiliated to the University
of Kerala
NAAC Accredited with B Grade

Minutes of the Meeting of Board of Studies

Attendees:-

1. Dr. Shiny sreedhar K (Principal)
2. Dr. K Sreelatha (Chairman, Board of studies)
3. Dr. Venu.S (IQAC Coordinator)
4. Smt. K. Mini (Head, Department of Mathematics)
5. Smt. Leena (External Member)

Venue: Principal's Chamber

Date&Time: 29/06/2018 at 2.00pm

Agenda:

1. Review of Certificate course proposal

Minutes:

1. Reviewed the certificate course proposal submitted by Department of Mathematics.
2. Approved the syllabus and proposal of the certificate course on "Data Analysis using Python software"



Shiny Sreedhar K
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Aided College Affiliated to University of Kerala

(NAAC Accredited with Grade 'B')

Department of Mathematics

1/7/2018

Notice

Department of Mathematics has decided to begin a certificate course in **Certificate Course on Data Analysis using Python software**. Those who are interested to join the programme are requested to contact the HOD, Mathematics department.

K. Mini

HOD Mathematics



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From

K. Mini

HOD Mathematics

Sree Narayana College

Chengannur

To

The Principal

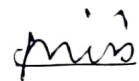
Sree Narayana College

Chengannur

Kindly grant permission to commence certificate course in **Certificate Course on Data Analysis using Python software** under the aegis of Mathematics department.

Yours faithfully,

K.Mini



Place : Chengannur

Date : 25/07/2018



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Department of Mathematics

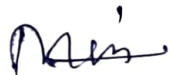
ONE MONTH CERTIFICATE COURSE 2018-2019

COURSE CODE AND NAME – MM18PS Certificate Course on Data Analysis using Python software

List of members of Board of Studies

Name	Designation	Position held
Smt.K.Mini	Assistantant Professor ,HoD	Chairman
Smt.Remya Gopinathan	Guest Faculty	Member
Miss.Lekshmi.K.S	Guest Faculty	Member
Mr.Philip.T	Guest Faculty	Member




Head of The Department
Department of Mathematics
Sree Narayana College
Chengannur



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Department of Mathematics

ONE MONTH CERTIFICATE COURSE

COURSE CODE AND NAME – MM18PS Certificate Course on Data Analysis using Python software

DURATION -30 Hrs

SYLLABUS

MODULE : 1 (15 hours)

PYTHON INSTALLATION DATA TYPES AND CONTROL STRUCTURES

Python Installation, Introduction to notebooks, and packages, Operators, Data Types, variables, expressions and statements. Assignment statements, strings and string operations

MODULE : 2 (10 hours)

DATA TYPES AND CONTROL STRUCTURES AND MODULARIZATION AND CLASSES

Control structures: loops and decisions, Defining classes, defining functions and arguments, Data structure, Array processing

MODULE : 3 (5 hours)

STATISTICAL ANALYSIS OF PYTHON

Basic statistical analysis, Visualization of data

References :

- Python for Data Analysis by Wes McKinney Released October 2012 Publisher(s): O'Reilly Media, Inc. ISBN: 9781449319793
- "Automate the boring stuff with Python," by Al Sweigart



*mini
Latha*
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Department of Mathematics
ONE MONTH CERTIFICATE COURSE

COURSE CODE AND NAME – MM18PS Certificate Course on Data Analysis using Python software

DURATION -30 Hrs

List of enrolled students

Sl No	Name	Class
1	Vishnu Nath	Bsc. Maths
2	Revathy Raj	Bsc. Maths
3	Renjesh	Bsc. Maths
4	Pooja S Sasi	Bsc. Maths
5	Jeril Joy	Bsc. Maths
6	Devika Ravindran	Bsc. Maths
7	Athulya S	Bsc. Maths
8	Chinnu Ramesan	Bsc. Maths
9	Devika Ravindran	Bsc. Maths
10	Aswathy S	Bsc. Maths
11	Sumi L	BA Economics
12	Jaya J	BA Economics
13	Maya U	BA Economics
14	Krishna Priya S	BA Economics
15	Jinu Kasmeeer	BA Economics
16	Jaya J	BA Economics
17	Arya G	BA Economics
18	Sumi L	BA Economics
19	Anjali S	BA Economics
20	Abhith A	BA Economics

Vishnu
Revathy
Renjesh
Pooja
Jeril
Devika
Athulya
Chinnu
Devika
Aswathy
Sumi
Jaya
Maya
Krishna
Jinu
Jaya
Arya
Sumi
Anjali
Abhith.

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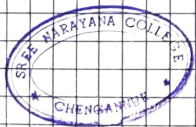
ATTENDANCE

REGISTER

Name of Course Data analysis using python Teacher(S) Ajay Sankar Month (S) August 2017 No. of Instructional Hours 26 classes

Sl. No.	Name of Student	Date Hour	Date																												No. of Days Present						
			1/8	2/8	3/8	4/8	5/8	6/8	7/8	8/8	9/8	10/8	11/8	12/8	13/8	14/8	15/8	16/8	17/8	18/8	19/8	20/8	21/8	22/8	23/8	24/8	25/8	26/8	27/8	28/8		29/8	30/8				
1)	Vishnu Nath		X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
2)	Revathy Raj		X	a	X	X	X	X	a	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
3)	Ranjith		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
4)	Pooja .S.Sasi		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
5)	Jeeil Joy		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
6)	Devika Ravindran		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
7)	Akhya .s		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
8)	Chionu Ramzan		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
9)	Devika Ravindran		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10)	Acashy .s		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11)	Sumi .L		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12)	Jaya .J		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13)	Maya .U		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14)	Krishna Priya .s		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15)	Tinu kasameez		X	X	a	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16)	Jaya . J		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17)	Arya . G		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18)	Sumi . L		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19)	Anjali . S		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20)	Abith A		X	X	X	X	a	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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 PRINCIPAL -
 SREE NARAYANA COLLEGE
 CHENGANNUR



Signature of Teacher

Signature of HOD

ATTENDANCE

REGISTER

Name of Course Data analysis using Python Teacher(S) Ajay Sundaram Month (S) September 2022 No. of Instructional Hours 24 hours

Sl. No.	Name of Student	Date							No. of Days Present
		31/8	1/9	2/9	3/9	4/9	5/9	6/9	
1)	Vishnu Nath	X	X	X	X	X	X		
2)	Revathy Raj	X	X	X	X	X	X		
3)	Ranjith	X	X	X	X	X	X		
4)	Pooja. s. sasi	X	X	aa	X	X	X		
5)	Jesil Joy	X	X	X	X	X	X		
6)	Devika Ravindran	X	X	X	X	X	X		
7)	Athulya. s	X	X	X	X	X	X		
8)	chinnu Ramesan	X	X	X	X	X	X		
9)	Devika Ravindran	X	X	X	X	X	X		
10)	Aswathy. s	X	X	X	X	X	X		
11)	Sumi. L	X	X	X	X	X	X		
12)	Jaya. J	X	X	X	X	X	X		
13)	Maya. U	X	X	X	X	X	X		
14)	Krishna poiya. s	X	X	X	X	X	X		
15)	Jinu Kasmear	X	X	aa	X	X	X		
16)	Jaya. J	aa	X	X	X	X	X		
17)	Arya. G	X	X	X	X	X	X		
18)	Sumi. L	X	X	X	X	X	X		
19)	Anjali. s	X	X	X	X	X	X		
20)	Abhith. A	X	X	aa	X	X	X		

Ajay Sundaram
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Signature of Teacher

Signature of HOD

SREE NARAYANA COLLEGE, CHENGIANNUR
Department of Mathematics
2018-19

Title of Course

Data Analysis using Python software

Meeting held on : 25/07/2018

Minutes Report

The department has decided to commence the classes on 01/08/2018



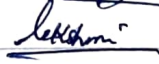
The board of studies has approved the syllabus.

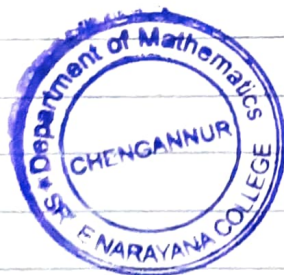
The course coordinator has scheduled the programme details and the timetable of the classes.

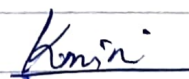
The board of studies has decided to conduct external examination at the end of year.

Attendance Statement of the Meeting

Sl.No:	Name of faculty	Signature
--------	-----------------	-----------

- | | | |
|----|--------------------|---|
| 1) | Smt. K. Mini |  |
| 2) | Smt. Pema Gopinath |  |
| 3) | Miss Lekshmi K.S |  |





Head of The Department
Department of Mathematics
Sree Narayana College
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Department of Mathematics

ONE MONTH CERTIFICATE COURSE

COURSE CODE AND NAME – MM18PS Certificate Course on Data Analysis using Python software

DURATION - 30 Hrs

List of students passed list (2018-2019)

Sl No	Name	Class
1	Vishnu Nath	Bsc. Maths
2	Revathy Raj	Bsc. Maths
3	Renjesh	Bsc. Maths
4	Pooja S Sasi	Bsc. Maths
5	Jeril Joy	Bsc. Maths
6	Devika Ravindran	Bsc. Maths
7	Athulya S	Bsc. Maths
8	Chinnu Ramesan	Bsc. Maths
9	Devika Ravindran	Bsc. Maths
10	Aswathy S	Bsc. Maths
11	Sumi L	BA Economics
12	Jaya J	BA Economics
13	Maya U	BA Economics
14	Krishna Priya S	BA Economics
15	Jinu Kasmeeer	BA Economics
16	Jaya J	BA Economics
17	Arya G	BA Economics
18	Sumi L	BA Economics
19	Anjali S	BA Economics
20	Abhith A	BA Economics

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Department of Mathematics

ONE MONTH CERTIFICATE COURSE 2018-2019

COURSE CODE AND NAME – MM18PS Certificate Course on Data Analysis using Python software

List of members of Board of Studies in the Department Level

Name	Designation	Position held
Smt.K.Mini	Assistantant Professor ,HoD	Chairman
Smt.Remya Gopinathan	Guest Faculty	Member
Miss.Lekshmi.K.S	Guest Faculty	Member
Mr.Philip.T	Guest Faculty	Member

Mini



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ONE MONTH CERTIFICATE COURSE

COURSE CODE AND NAME – MM18PS Certificate Course on Data Analysis using Python software

DURATION -30 Hrs

LIST OF TEACHERS HANDLING THE COURSE

- Mr.Ajay Sasidharan(Guest Lecturer , Department of Mathematics , S N College Cherthala)

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Certificate Course Report

ONE MONTH CERTIFICATE COURSE 2018-2019

COURSE CODE AND NAME – MM18PS Certificate Course on Data Analysis using Python software

A Meeting was held on 25/07/2018 at 10.30 am in the department of Mathematics to discuss about the commencement of certificate course on Data Analysis using Python software.

The members of the board of studies for certificate course were present in the meeting . Chairman : Smt . K. Mini presided by the meeting. All together 20 students applied for the course. The classes were handled by Mr. ajay Sasidharan , Guest Lecturer , S N College Cherthala. The class commenced on 1/08/2018. Both theory and practical clases were conducted for this students.

After successfully completing the classes practical exam was conducted on 10/09/2018 from 10.30 am to 12.30 pm .all the students attended the exam and the pass percentage was 100%.

Thus the certificate course helped students to gain practical knowledge in this field, also this was an added advantage for the students to enhance their skill development as well as their curriculum vitae.

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SREE NARAYANA COLLEGE ,CHENGANNUR

DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE ON DATA ANALYSIS USING PYTHON SOFTWARE

Certificate

This is to certify that.....*Revalthy Raj*.....has

successfully completed the course conducted by the

Department of Mathematics from August 2018 to

September 2018.

Mini

K.MINI

(ASSO.Professor)

Head of the Department



Shiny K Sreedhar

**Dr.Shiny K Sreedhar
Principal**

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