

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"



*Jathin*  
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CHENGANNUR, ALAPUZHA, KERALA

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(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**

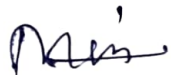
**ONE MONTH CERTIFICATE COURSE 2018-2019**

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

**List of members of Board of Studies**

<b>Name</b>	<b>Designation</b>	<b>Position held</b>
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	Vishnu
2	Revathy Raj	Bsc. Maths	Revathy
3	Renjesh	Bsc. Maths	Renjesh
4	Pooja S Sasi	Bsc. Maths	Pooja
5	Jeril Joy	Bsc. Maths	Jeril
6	Devika Ravindran	Bsc. Maths	Devika
7	Athulya S	Bsc. Maths	Athulya
8	Chinnu Ramesan	Bsc. Maths	Chinnu
9	Devika Ravindran	Bsc. Maths	Devika
10	Aswathy S	Bsc. Maths	Aswathy
11	Sumi L	BA Economics	Sumi
12	Jaya J	BA Economics	Jaya
13	Maya U	BA Economics	Maya
14	Krishna Priya S	BA Economics	Krishna
15	Jinu Kasmeeer	BA Economics	Jinu
16	Jaya J	BA Economics	Jaya
17	Arya G	BA Economics	Arya
18	Sumi L	BA Economics	Sumi
19	Anjali S	BA Economics	Anjali
20	Abhith A	BA Economics	Abhith

Mem.

Latha



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# ATTENDANCE

# REGISTER

Name of Course Data Analysis using Python Teacher(S) Ajay Sivasubaran Month (S) September 2018 No. of Instructional Hours 22 hours

Sl. No.	Name of Student	Date Hour	3/9	4/9	5/9	6/9	7/9	7/9	Signature	No. of Days Present
			I	IV	I	IV	I	IV		
1)	Vishnu Nath		X	X	X	X	X	X	Vishnu	
2)	Revathy Raj		X	X	X	X	X	X	Revathy	
3)	Ranjesh		X	X	X	X	X	X	Ranjesh	
4)	Padma. S. Sasi		X	X	aa	X	X	X	Padma	
5)	Teril Joy		X	X	X	X	X	X	Teril	
6)	Devika Ravindran		X	X	X	X	X	X	Devika	
7)	Akhya. S		X	X	X	X	X	X	Akhya	
8)	Chinnu Ramesan		X	X	X	X	X	X	Chinnu	
9)	Devika Ravindran		X	X	X	X	X	X	Devika	
10)	Aswathy. S		X	X	X	X	X	X	Aswathy	
11)	Sumi. L		X	X	X	X	X	X	Sumi	
12)	Jaya. J		X	X	X	X	X	X	Jaya	
13)	Maya. V		X	X	X	X	X	X	Maya	
14)	Krishna Priya. S		X	X	X	X	X	X	Krishna	
15)	Jinu Kasmeeet		X	X	aa	X	X	X	Jinu	
16)	Jaya. J		aa	X	X	X	X	X	Jaya	
17)	Arya. G		X	X	X	X	X	X	Arya	
18)	Sumi. L		X	X	X	X	X	X	Sumi	
19)	Anjali. S		X	X	X	X	X	X	Anjali	
20)	Abhith. A		X	X	aa	X	X	X	Abhith	

*S. Siva*  
 PRINCIPAL  
 SREE NARAYANA COLLEGE  
 CHENGANNUR



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



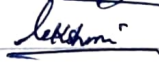
The board of studies has approved the syllabus.

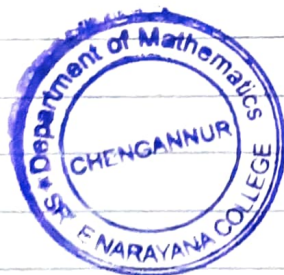
The course coordinator has scheduled the programme details and the timetable of the classes.

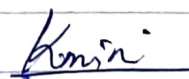
The board of studies has decided to conduct external examination at the end of year.

Attendance Statement of the Meeting

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

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





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

## 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
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*Mini*

*Ladha*



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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*



*Lathu.*

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**ONE MONTH CERTIFICATE COURSE**

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DURATION -30 Hrs

LIST OF TEACHERS HANDLING THE COURSE

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

*Messi*

*Jathu*



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## Department of Mathematics

### 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.

*mini*

*Latha.*



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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*

**Dr.Shiny K Sreedhar  
Principal**

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