

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF MATHEMATICS

Report on Career Oriented Course in "Introduction To Scilab"

Title	Career Oriented Course in "Introduction To Scilab"
Duration	17 th January 2023 to 21 st February 2023
Organizer	Department of Mathematics , P.V.P. Mahavidyalaya Kavathe Mahankal
Funding	--
BOS / Faculty	Prof. R.A. Dudhal Mr. A. A. Bandgar
Coordinator	Mr. A.A. Bandgar
Background	Students must have some knowledge of softwares like Scilab, Matlab, etc. Scilab is easy to handle and free to use. So this course is intended.
Objective	1.To acquaint students with some basic concepts (elementary knowledge) in scilab 2.Understand and implement basic mathematical algorithm using scilab. 3.To compute the trigonometric value and matrix operations using scilab
Outcomes	1.To have some basic knowledge of Scilab 2.To handle the data using Scilab.
Conclusion	Students got sufficient knowledge about Scilab and they are very excited to study such softwares in future.Thus this course is fruitful and motivational for participated students.

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF MATHEMATICS

Career Oriented Course in "Introduction To Scilab"

Brief Summary

Sr. No.	Organizing department	Department of Mathematics		
		1	Type of Activity	Career Oriented Course in "Introduction To Scilab"
2	Duration of Activity	17 th January 2023 to 21 st February 2023		
3	Venue	Computer Lab, Department of Mathematics		
4	Participation			
	Students	Male	Female	Total
	B. Sc. II			
	Total			



Coordinator



Head

Head
Department of Mathematics
P.V.P. Mahavidyaraya,
Kavathe Mahankal, Dist.-Sangli.

2

From,
Head,
Department of Mathematics,
P. V. P. College, Kavathe Mahankal,
Dist. Sangli, Maharashtra 416405
Date: 30/12/2022

To,
The Principal,
Padmabhushan Vasantrodada Patil Mahavidyalaya,
Kavathe Mahankal, Dist. Sangli,
Maharashtra 416405

Subject: Seeking a permission to start the career oriented course in
"Introduction to Scilab".

Respected sir,

As per your guidelines we are going to start a career oriented course in
"Introduction to Scilab" in Department of Mathematics for our college students. This
course will be of 30 hours and will be completed during January 2023 to February 2023.
The course will be definitely very beneficiary for students.

I request you to give permission to start the above course in the Department.

Thanking you.


Yours faithfully,

Head
Department of Mathematics
P.V.P. Mahavidyalaya,
Kavathe Mahankal, Dist.-Sangli.



Shikshan Prasarak Sanstha's
Padmabhushan Vasantodada Patil Mahavidyalaya



Kavathe Mahankal, Sangli
Affiliated to Shivaji University, Kolhapur



Department of Mathematics



CAREER ORIENTED COURSE in

**Introduction to
SciLab**

Free
Certificate

Computations
using SciLab

Well
Equipped
Computer
Lab

All the
Basics of
SciLab

Starting from
17th January, 2023

Duration:
30 hours

*Open For
Enrollment*



Contact: 8766485869

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF MATHEMATICS

Introduction To Scilab

Objectives:

1. To acquaint students with some basic concepts (elementary knowledge) in scilab
2. Understand and implement basic mathematical algorithm using scilab.
3. To compute the trigonometric value and matrix operations using scilab

Duration:

The course will be completed in 30 hours (3 months).

Eligibility of the student:

1. The student must have the basic knowledge of computer.
2. Student must have passed H. Sc. Examination.

Course outcomes:

By the end of this course students are expected,

1. To have some basic knowledge of Scilab.
2. Understand and implement basic mathematical algorithm using scilab.
3. To compute the trigonometric value and matrix operations using scilab

Evaluation Method:

The examination will be conducted in two parts – theory and oral. Theory examination will consist of 20 multiple choice questions which will be conducted on offline form a will be of 40 marks and 10 marks of oral which will be in classroom at the end of the course.

Padmabhushan Vasanturadada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF MATHEMATICS

Introduction To Scilab

Syllabus

Objectives and course outcomes:

The main objective of this course is to acquaint students with some basic concepts in Scilab. They will be introduced to some elementary knowledge of Scilab. By the end of this course students are expected to be able,

1. To handle the data using Scilab.
2. Understand and implement basic mathematical algorithm using scilab.
3. To compute the trigonometric value and matrix operations using scilab

Unit 1:

(15 hours)

Application, feature, Scilab environment, workspace, working directory, Scilab as a calculator, Scilab operators, mathematical predefined functions, constants, variables and their types.

Unit 2:

(15 hours)

Matrix: Row matrix, column matrix, general matrix, operation like matrix addition, matrix subtraction, matrix product. 1 3 Accessing element of matrix: Size of Matrix, Length of matrix, accessing element using one index, two indices

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF MATHEMATICS

Introduction to Scilab

Attendance (B. Sc. II)

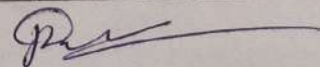
Sr. No.	Name																			
1.	Kore Pratik Jayant																			
2.	Mane Chaitany Chandrakant																			
3.	Patil Sushilkumar Patangrao																			
4.	Salunkhe Pornima Kisan																			
5.	Khot Shubhangi Ravsaheb																			
6.	Gawari Prashant Tanaji																			
7.	Bodgire Pranav Dinkar																			
8.	Kumbhar Suyog Totiram																			
9.	Mengudale Maheshwar Jalindar																			
10.	Khot Pradip Shrirang																			

11.	Patil Dhiraj Dattatray	Patil	Patil
12.	Chavan Bhushan Rajendra	Chavan	Chavan
13.	Patil Rohan Balu	Patil	Patil
14.	Yadav Om Sunil	Yadav	Yadav
15.	Mane Rushikesh Ashok	Mane	Mane
16.	Kamble shridhar Mohan	Kamble	Kamble
17.	Kengar Vishal Uttam	Kengar	Kengar
18.	Mali Vitthal Maruti	Mali	Mali
19.	Jadhav Abhaysinhraje Mahadev	Jadhav	Jadhav
20.	Patil Vishal Lagonda	Patil	Patil
21.	Jadhav Mahesh Shivshankar	Jadhav	Jadhav
22.	Nagane Akshay Pandurang	Nagane	Nagane
23.	Chavan Sanket Rangrao	Chavan	Chavan

11.	Patil Dhiraj Dattatray	Patil
12.	Chavan Bhushan Rajendra	Chavan
13.	Patil Rohan Balu	Patil
14.	Yadav Om Sunil	Yadav
15.	Mane Rushikesh Ashok	Mane
16.	Kamble shridhar Mohan	Kamble
17.	Kengar Vishal Uttam	Kengar
18.	Mali Vitthal Maruti	Mali
19.	Jadhav Abhaysinhraje Mahadev	A.B.J
20.	Patil Vishal Lagonda	Patil
21.	Jadhav Mahesh Shivshankar	MJadhav
22.	Nagane Akshay Pandurang	Nagane
23.	Chavan Sanket Rangrao	Chavan

24.	Waghmode Vikram Siddharth	S.N.Mulani	Yes
25.	Mulani Soyab Nalsab	S.N.Mulani	Yes
26.	Pawar Ganesh Appaso	@Ganesh	Yes
27.	Patil Vipul Vilas	@VipulPatil	Yes
28.	Mane Ganesh Govind	MGGovind	Yes
29.	Dhame Ajit Mahadev	A.Dhame	Yes
30.	Karande Vishal Bhimrao	K.V.B	Yes
31.	Mane Vishwajeet Santosh	V.S.Mane	Yes
32.	Mali Dnyanesh Chandrakant	M.D.C	Yes
33.	Rasale Omkar Kundlik	R.O.Kudlik	Yes
34.	Punekar Omkar Chagan	O.C.P	Yes
35.	Sargar Prathmesh Nivruti	S.P.N	Yes

24.	Waghmode Vikram Siddharth	SNMubani
25.	Mulani Soyab Nalsab	SNMubani
26.	Pawar Ganesh Appaso	@anesh
27.	Patil Vipul Vilas	Patil
28.	Mane Ganesh Govind	MGGovin
29.	Dhame Ajit Mahadev	A.Dhame
30.	Karande Vishal Bhimrao	K.V.B
31.	Mane Vishwajeet Santosh	V.S.Mane
32.	Mali Dnyanesh Chandrakant	M.D.C
33.	Rasale Omkar Kundlik	R.O.Kudlik
34.	Punekar Omkar Chagan	O.C.P
35.	Sargar Prathmesh Nivruti	S.P.N




Head
 Department of Mathematics
 P.V.P. Mahavidyalaya,
 Kavathe Mahankal, Dist.-Sangli.

Shikshan Prasarak Samitha's
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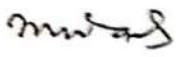


Career Oriented Course in
Introduction to Scilab
Certificate

This is to certify that Mr./Ms. **Kore Praatik Jayant (B.Sc.II)** of P. V. P. Mahavidyalaya, Kavathe Mahankal Dist. Sangli has successfully completed the career oriented course in "Introduction to Scilab" during January 2023 to February 2023.


Mr. A. A. Bandgar
Co-ordinator


Asso. Prof. R. A. Dudhal
Head



Prof. (Dr.) M. K. Patil
Principal

Shikshan Prasarak Samitha's
Padmabhushan Vasantaoadada Patil Mahavidyalaya, Kavathe Mahankal,
Dist : Sangli, (Maharashtra)
Department of Mathematics
Affiliated to Shivaji University, Kolhapur

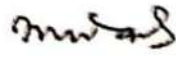


Career Oriented Course in
Introduction to Scilab
Certificate

This is to certify that Mr./Ms. **Mane Chaitany Chandrakant (B. Sc.II)** of P. V. P. Mahavidyalaya, Kavathe Mahankal Dist. Sangli has successfully completed the career oriented course in "Introduction to Scilab" during January 2023 to February 2023.


Mr. A. A. Bandgar
Co-ordinator


Asso. Prof. R. A. Dudhal
Head


Prof. (Dr.) M. K. Patil
Principal