

Date: 13/6/2024
Machilipatnam

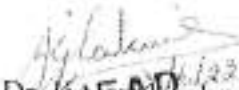
Submitted to the Principal, UCAS, KRU, Machilipatnam

Sub: Dept. Of Mathematics – Proposed value added course for academic year 2020-21
– Approval – request – Regarding.

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The department of Mathematics has planned to conduct 1-value added course for the students admitted in M.Sc. Mathematics program. The details of the program are attached along with this letter. Hence in this regard, I request you to kindly go through the details of the program and accord the permission for further process.

Encls: Details of proposal


Dr. K. Jayalakshmi
HEAD
Dept. of Mathematics
University Campus
KRISHNA UNIVERSITY
Machilipatnam - 521 003

Proposed Mathematics-KRU ValueAddedCourse, for the academic year 2021-22

DURATION : 3 weeks.

Date of commencement: 14/06/2022 to 02/07/2022

Name of the faculty: Dr. K. Jayalakshmi

Name of the course: Scilab – A mathematical tool for solving numerical problems

Mode of classes: Offline

Content of the course

1. Introduction to Scilab, its installation, main features.
2. Scilab coded toolboxes and getting started with toolbox
3. Scilab default console, Arithmetic operations, scilab as a calculator
4. Basic elements of Scilab, predefines variables and some useful scilab commands.
5. Vectors and Matrices
6. Polynomials
7. Plotting graphs
8. Solution of equation by bisection method and Newton Raphson method
9. Solution by muller method and Gauss elimination method
10. Solution using inverse of a matrix
11. eigen values and eigen vectors
12. Least square straight fit
13. Jacobian matrix of the given system
14. Integral approximations by Simpson's $\frac{3}{8}$ rule and double integration using simpson's rule
15. Solution of IVP problems
16. Solution of IVP by fourth order Runge Kutta method
17. Solution of BVP by shooting method

KRISHNA UNIVERSITY

Prof. D. SURYACHANDRA RAO
Principal
University Campus College
Krishna University
Machilipatnam-521 003



Mobile: 9440149149
Email: kru.principal@gmail.com

Dt. 13.06.2022

CIRCULAR

A value added course entitled "Scilab – A Mathematical tool for solving numerical problems" is been introduced by the department of Mathematics for the Academic Year 2021-22 for IV Semester M. Sc. Mathematics students. All the IV Semester M. Sc. Mathematics students are here by informed to enroll/register for the value added course conducted by the department. The course duration is from 14/06/2022 to 02/07/2022.

Collect the details of the program from the department.

Copy to:

PS to Vice Chancellor, Krishna University, Machilipatnam

PA to Registrar, Krishna University, Machilipatnam.

Head of the department, Mathematics

File.


PRINCIPAL
PRINCIPAL
UNIVERSITY COLLEGE OF ARTS & SCIENCE
KRISHNA UNIVERSITY, RUDRAVARAM,
MACHILIPATNAM - 521 003, A.P

KRISHNA UNIVERSITY

University College of Arts & Science

Machilipatnam-522104

Value Added Course on

"Scilab – A Mathematical tool for solving Numerical problems"

From 14-06-2022 to 02-07-2022

Organized by

Department of Mathematics

University College of Arts & Sciences.

Chief Patron

Prof. K.B.Chandra Sekhar

Vice Chancellor

Krishna University

Patrons

Prof. D Surya Chandra Rao

Rector&Principal, UCAS

Krishna University

Dr. M Rami Reddy

Registrar

Krishna University

Organizer & Resource Person

Dr. K.Jaya Lakshmi

Associate Professor & Head

Department of Mathematics

University College of Arts & Sciences.

Programme Coordinator: Dr. K.N.Swamy, Assistant Professor, Adhoc

KRISHNA UNIVERSITY, MACHILIPATNAM
University college of Arts & Sciences
Department of Mathematics
Value Added Course on
"Scilab- A Mathematical tool for solving Numerical problems"
From 14 - 06 - 2022 to 02 - 07- 2022

Enrolled Student list

Name of the Resource Person : Dr. K. Jayalakshmi

Designation : Head & Associate Professor

S.No.	Name of the Student	Regd. No.
1	Abeda Bhanu	Y20MAT101001
2	Ch. Pavan Kumar	Y20MAT101002
3	K. Devika	Y20MAT101003
4	Ch. Sirisha	Y20MAT101004
5	Y. Alekhya	Y20MAT101005
6	K. Tirupatamma	Y20MAT101006
7	P. Jhansi	Y20MAT101007
8	K. Sravani	Y20MAT101008
9	A. Lalitha Kumari	Y20MAT101009
10	K. Devi Sri	Y20MAT101010
11	I. Sravana sandhya	Y20MAT101011
12	B. Lokeswari	Y20MAT101012
13	K. Keerthana	Y20MAT101013
14	Abdul Farida	Y20MAT101014
15	N. Parvathi	Y20MAT101015
16	M. Anusha	Y20MAT101016
17	A. Chaitanya	Y20MAT101017
18	P. Sri lakshmi Bhavani	Y20MAT101018
19	S. Sreelekha	Y20MAT101019
20	R. Hema Rekha	Y20MAT101020


Signature of the HOD

KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

"Scilab- A Mathematical tool for solving numerical problems"

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 14/06/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	Ch. Pavan Kumar
3	K. Devika	Y20MAT101003	K. Devika
4	Ch. Sirisha	Y20MAT101004	Ch. Sirisha
5	Y. Alekhya	Y20MAT101005	Y. Alekhya
6	K. Tirupatamma	Y20MAT101006	K. Tirupatamma
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17	A. Chaitanya	Y20MAT101017	A. Chaitanya
18	P. Sri lakshmi Bhavani	Y20MAT101018	P. Bhavani
19	S. Sreelekha	Y20MAT101019	S. Sreelekha
20	R. Hema Rekha	Y20MAT101020	R. Hema Rekha


Signature of the HOD

KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

“Scilab- A Mathematical tool for solving numerical problems”

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 15/06/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	ch. Pavan Kumar
3	K. Devika	Y20MAT101003	K. Devika
4	Ch. Sirisha	Y20MAT101004	ch. sirisha
5	Y. Alekhya	Y20MAT101005	Y. Alekhya
6	K. Tirupatamma	Y20MAT101006	K. Tirupatamma
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17	A. Chaitanya	Y20MAT101017	A. Chaitanya
18	P. Sri lakshmi Bhavani	Y20MAT101018	P. Bhavani
19	S. Sreelekha	Y20MAT101019	S. Sreelekha
20	R. Hema Rekha	Y20MAT101020	R. Hema Rekha


Signature of the HOD

KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

"Scilab- A Mathematical tool for solving numerical problems"

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 16/06/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	Ch. Pavan Kumar
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5	Y. Alekhya	Y20MAT101005	Y. Alekhya
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Department of Mathematics

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From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 17/06/2022

Designation : Head & Associate Professor

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KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

“Scilab- A Mathematical tool for solving numerical problems”

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 18/06/2022

Designation : Head & Associate Professor

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1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	Ch. Pavan Kumar
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19	S. Sreelekha	Y20MAT101019	S. Sreelekha
20	R. Hema Rekha	Y20MAT101020	R. Hema Rekha


Signature of the HOD

all are absent

Except Shanti, Sravani, Jhansi

KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

“Scilab- A Mathematical tool for solving numerical problems”

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 20/06/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	Ch. Pavan Kumar
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Signature of the HOD

KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

“Scilab- A Mathematical tool for solving numerical problems”

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 21/06/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	ch. parankumar
3	K. Devika	Y20MAT101003	K.Devika
4	Ch. Sirisha	Y20MAT101004	ch. sirisha
5	Y. Alekhya	Y20MAT101005	Y. Alekhya
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Signature of the HOD

KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

"Scilab- A Mathematical tool for solving numerical problems"

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 22/06/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	Ch. Pavan Kumar
3	K. Devika	Y20MAT101003	K. Devika
4	Ch. Sirisha	Y20MAT101004	Ch. Sirisha
5	Y. Alekhya	Y20MAT101005	Y. Alekhya
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Signature of the HOD

KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

"Scilab- A Mathematical tool for solving numerical problems"

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 23/06/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	Ch. Pavan Kumar
3	K. Devika	Y20MAT101003	K. Devika
4	Ch. Sirisha	Y20MAT101004	Ch. Sirisha
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17	A. Chaitanya	Y20MAT101017	A. Chaitanya
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Signature of the HOD

KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

“Scilab- A Mathematical tool for solving numerical problems”

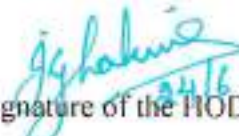
From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 24/06/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	Ch. Pavan Kumar
3	K. Devika	Y20MAT101003	K. Devika
4	Ch. Sirisha	Y20MAT101004	Ch. Sirisha
5	Y. Alekhya	Y20MAT101005	Y. Alekhya
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KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

"Scilab- A Mathematical tool for solving numerical problems"

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 25/06/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	Ch. Pavan Kumar
3	K. Devika	Y20MAT101003	K. Devika
4	Ch. Sirisha	Y20MAT101004	Ch. Sirisha
5	Y. Alekhya	Y20MAT101005	Y. Alekhya
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KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

"Scilab- A Mathematical tool for solving numerical problems"

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 27/06/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	Ch. Pavan Kumar
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7	P. Jhansi	Y20MAT101007	P. Jhansi
8	K. Sravani	Y20MAT101008	K. Sravani
9	A. Lalitha Kumari	Y20MAT101009	A. Lalitha Kumari
10	K. Devi Sri	Y20MAT101010	K. Devi Sri
11	I. Sravana sandhya	Y20MAT101011	I. Sravana sandhya
12	B. Lokeswari	Y20MAT101012	B. Lokeswari
13	K. Keerthana	Y20MAT101013	K. Keerthana
14	Abdul Farida	Y20MAT101014	Abdul Farida
15	N. Parvathi	Y20MAT101015	N. Parvathi
16	M. Anusha	Y20MAT101016	M. Anusha
17	A. Chaitanya	Y20MAT101017	A. Chaitanya
18	P. Sri lakshmi Bhavani	Y20MAT101018	P. Sri lakshmi Bhavani
19	S. Sreelekha	Y20MAT101019	S. Sreelekha
20	R. Hema Rekha	Y20MAT101020	R. Hema Rekha


Signature of the HOD

KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

"Scilab- A Mathematical tool for solving numerical problems"

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 28/06/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	Ch. Pavan Kumar
3	K. Devika	Y20MAT101003	K. Devika
4	Ch. Sirisha	Y20MAT101004	Ch. Sirisha
5	Y. Alekhya	Y20MAT101005	Y. Alekhya
6	K. Tirupatamma	Y20MAT101006	K. Tirupatamma
7	P. Jhansi	Y20MAT101007	P. Jhansi
8	K. Sravani	Y20MAT101008	K. Sravani
9	A. Lalitha Kumari	Y20MAT101009	A. Lalitha Kumari
10	K. Devi Sri	Y20MAT101010	K. Devi Sri
11	I. Sravana sandhya	Y20MAT101011	I. Sravana sandhya
12	B. Lokeswari	Y20MAT101012	B. Lokeswari
13	K. Keerthana	Y20MAT101013	K. Keerthana
14	Abdul Farida	Y20MAT101014	A. Farida
15	N. Parvathi	Y20MAT101015	N. Parvathi
16	M. Anusha	Y20MAT101016	M. Anusha
17	A. Chaitanya	Y20MAT101017	A. Chaitanya
18	P. Sri lakshmi Bhavani	Y20MAT101018	P. Bhavani
19	S. Sreelekha	Y20MAT101019	S. Sreelekha
20	R. Hema Rekha	Y20MAT101020	R. Hema Rekha


Signature of the HOD

KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

“Scilab- A Mathematical tool for solving numerical problems”

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 29/06/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
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2	Ch. Pavan Kumar	Y20MAT101002	Ch. Pavan Kumar
3	K. Devika	Y20MAT101003	K. Devika
4	Ch. Sirisha	Y20MAT101004	Ch. Sirisha
5	Y. Alekhya	Y20MAT101005	Y. Alekhya
6	K. Tirupatamma	Y20MAT101006	K. Tirupatamma
7	P. Jhansi	Y20MAT101007	P. Jhansi
8	K. Sarvani	Y20MAT101008	K. Sarvani
9	A. Lalitha Kumari	Y20MAT101009	A. Lalitha Kumari
10	K. Devi Sri	Y20MAT101010	K. Devi Sri
11	I. Sravani sandhya	Y20MAT101011	I. Sravani sandhya
12	B. Lokeswari	Y20MAT101012	B. Lokeswari
13	K. Keerthana	Y20MAT101013	K. Keerthana
14	Abdul Farida	Y20MAT101014	A. Farida
15	N. Poovali	Y20MAT101015	N. Poovali
16	M. Anusha	Y20MAT101016	M. Anusha
17	A. Chaitanya	Y20MAT101017	A. Chaitanya
18	P. Sri lakshmi Bhavani	Y20MAT101018	P. Bhavani
19	S. Sreelekha	Y20MAT101019	S. Sreelekha
20	R. Hemu Rekha	Y20MAT101020	R. Hemu Rekha


Signature of the HOD

KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

"Scilab- A Mathematical tool for solving numerical problems"

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 30/06/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	Ch. Pavan Kumar
3	K. Devika	Y20MAT101003	K. Devika
4	Ch. Sirisha	Y20MAT101004	Ch. Sirisha
5	Y. Alekhya	Y20MAT101005	Y. Alekhya
6	K. Tirupatamma	Y20MAT101006	K. Tirupatamma
7	P. Jhansi	Y20MAT101007	P. Jhansi
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13	K. Keerthana	Y20MAT101013	K. Keerthana
14	Abdul Farida	Y20MAT101014	A. Farida
15	N. Parvathi	Y20MAT101015	N. Parvathi
16	H. Amisha	Y20MAT101016	H. Amisha
17	A. Chaitanya	Y20MAT101017	A. Chaitanya
18	P. Sri Lakshmi Bhavani	Y20MAT101018	P. Bhavani
19	S. Sreelekha	Y20MAT101019	S. Sreelekha
20	R. Hema Rekha	Y20MAT101020	R. Hema Rekha


Signature of the HOD

KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

"Scilab- A Mathematical tool for solving numerical problems"

From 14 - 06 - 2022 To 02 - 07- 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 01/07/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
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3	K. Devika	Y20MAT101003	K. Devika
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5	Y. Alekhya	Y20MAT101005	Y. Alekhya
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19	S. Sreelekha	Y20MAT101019	S. Sreelekha
20	R. Hema Rekha	Y20MAT101020	R. Hema Rekha


Signature of the HOD

KRISHNA UNIVERSITY, MACHILIPATNAM

Department of Mathematics

Value Added Course on

"Scilab- A Mathematical tool for solving numerical problems"

From 14 - 06 - 2022 To 02 - 07 - 2022

Name of the Resource Person : Dr. K. Jayalakshmi

Date: 02/07/2022

Designation : Head & Associate Professor

S.NO	NAME	REGD NO	SIGNATURE
1	Abeda Bhanu	Y20MAT101001	Abeda Bhanu
2	Ch. Pavan Kumar	Y20MAT101002	Ch. Pavan Kumar
3	K. Devika	Y20MAT101003	K. Devika
4	Ch. Sirisha	Y20MAT101004	Ch. Sirisha
5	Y. Alekhya	Y20MAT101005	Y. Alekhya
6	K. Tirupatamma	Y20MAT101006	K. Tirupatamma
7	P. Jhansi	Y20MAT101007	P. Jhansi
8	K. Sravani	Y20MAT101008	K. Sravani
9	A. Lalitha Kumari	Y20MAT101009	A. Lalitha Kumari
10	K. Devi Sri	Y20MAT101010	K. Devi Sri
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13	K. Keerthana	Y20MAT101013	K. Keerthana
14	A. Farida	Y20MAT101014	A. Farida
15	N. Parvathi	Y20MAT101015	N. Parvathi
16	M. Anusha	Y20MAT101016	M. Anusha
17	A. Chaitanya	Y20MAT101017	A. Chaitanya
18	Sri lakshmi Bhavani	Y20MAT101018	S. Bhavani
19	Sreelekha	Y20MAT101019	S. Sreelekha
20	Hema Rekha	Y20MAT101020	H. Rekha


Signature of the HOD



KRISHNA UNIVERSITY

Rudravaram, Krishna, Andhra Pradesh, India-521003

Department of Mathematics

From : 14-06-2022

Value Added Course

To : 02-07-2022

This Certificate is Presented to

Mr./Ms. ABDUL FARIDA

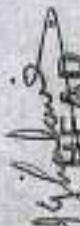
For successfully completing the

Value Added Course on

"SciLab - A Mathematical tool for Solving Numerical Problems"

Conducted by Department of Mathematics Krishna University

Enrollment number - Y20MAT101014


HEAD
Department of Mathematics
Krishna University


University Representative
Krishna University



KRISHNA UNIVERSITY

Rudravaram, Krishna, Andhra Pradesh, India-521003

Department of Mathematics

From : 14-06-2022

Value Added Course

To : 02-07-2022

This Certificate is Presented to

Mr./Ms. KOLLIPARA KEERTHANA

For successfully completing the

Value Added Course on

"SciLab - A Mathematical tool for Solving Numerical Problems"

Conducted by Department of Mathematics Krishna University

Enrollment number - Y20MAT101013


Head of Department
Department of Mathematics


Principal
University College of Arts & Science



KRISHNA UNIVERSITY

Rudravaram, Krishna, Andhra Pradesh, India-521003

Department of Mathematics

From : 14-06-2022

Value Added Course

To : 02-07-2022

This Certificate is Presented to

Mr./Ms. NADIMINTI PARVATHI

For successfully completing the

Value Added Course on

"SciLab - A Mathematical tool for Solving Numerical Problems"

Conducted by Department of Mathematics Krishna University

Enrollment number - Y20MAT101015


Head of Department
Dept. of Mathematics


Principal
University College of Arts & Science



KRISHNA UNIVERSITY

Rudravaram, Krishna, Andhra Pradesh, India-521003

Department of Mathematics

From : 14-06-2022

Value Added Course

To : 02-07-2022

This Certificate is Presented to

Mr./Ms. YADLAPALLI ALEKHYA

For successfully completing the

Value Added Course on

"Scilab - A Mathematical tool for Solving Numerical Problems"

Conducted by Department of Mathematics Krishna University

Enrollment number - Y20MAT101005


Head of the Department
Dept of Mathematics


Principal (VC)

University College of Arts & Sciences



KRISHNA UNIVERSITY

Rudravaram, Krishna, Andhra Pradesh, India-521003

Department of Mathematics

From : 14-06-2022

Value Added Course

To : 02-07-2022

This Certificate is Presented to

Mr./Ms. KOKKILIGADDA SRAVANI

For successfully completing the

Value Added Course on

"SciLab - A Mathematical tool for Solving Numerical Problems"

Conducted by Department of Mathematics Krishna University

Enrollment number - Y20MAT101008


HEAD
Head of Department
University Campus


Principal
University College of Arts & Science
Krishna University



KRISHNA UNIVERSITY

Rudravaram, Krishna, Andhra Pradesh, India-521003

Department of Mathematics

From : 14-06-2022

Value Added Course

To : 02-07-2022

This Certificate is Presented to

Mr./Ms. ABEDABHANU

For successfully completing the

Value Added Course on

"Scilab - A Mathematical tool for Solving Numerical Problems"

Conducted by Department of Mathematics Krishna University

Enrollment number - Y20MAT101001

Head of Department
Dept. of Mathematics

Principal (C)
University College of Arts & Scier.
Krishna University
Rudravaram - 521 003



KRISHNA UNIVERSITY

Rudravaram, Krishna, Andhra Pradesh, India-521003

Department of Mathematics

From : 14-06-2022

To : 02-07-2022

Value Added Course

This Certificate is Presented to

Mr./Ms. CHEBOYINA PAVAN KUMAR

For successfully completing the

Value Added Course on

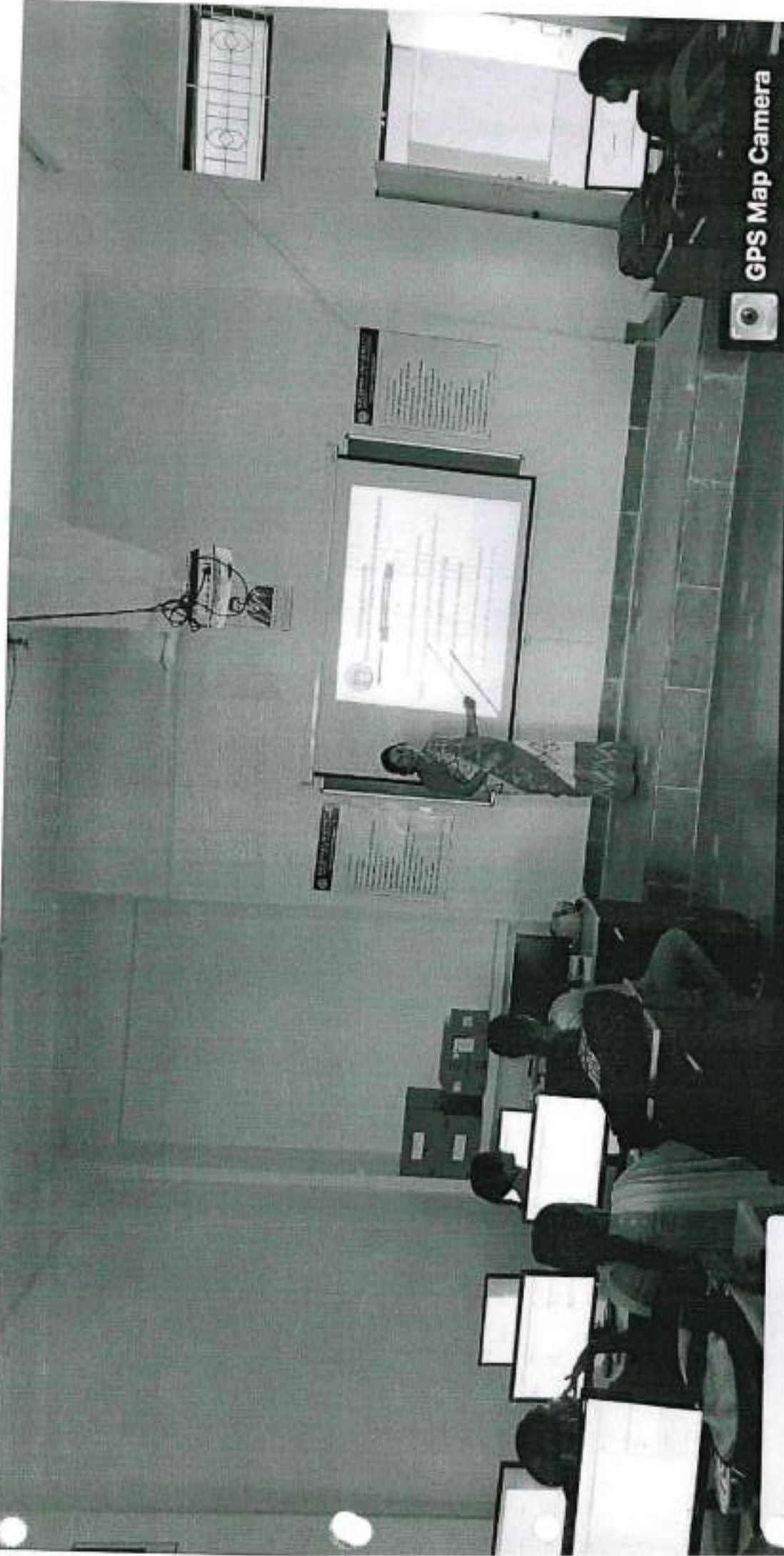
"Scilab - A Mathematical tool for Solving Numerical Problems"

Conducted by Department of Mathematics Krishna University

Enrollment number - Y20MAT101002


Head of Department
Dept of Mathematics


Principal
(Principal's Signature)



Krishna, Andhra Pradesh, India
43QX+JJX, University Rd, Andhra Pradesh 521001, India
Lat 16.139145°
Long 81.099397°
14/06/22 04:02 PM



Krishna, Andhra Pradesh, India

43QX+JJX, University Rd, Andhra Pradesh 521001, India

Lat 16.139062°

Long 81.099512°

28/06/22 04:03 PM

GPS Map Camera





Krishna, Andhra Pradesh, India

43QX+JJX, University Rd, Andhra Pradesh 521001, India

Lat 16.139061°

Long 81.099515°

30/06/22 04:00 PM



GPS Map Camera

Krishna, Andhra Pradesh, India

43QX+JJX, University Rd, Andhra Pradesh 521001, India

Lat 16.139069°

Long 81.099505°

02/07/22 04:26 PM



GPS Map Camera

REPORT

Name of the Program: **Value Added Course on Scilab- A Mathematical tool for solving numerical problems**

Dates of conduction: 14.06.2022 To 02.07.2022

Details of the Resource Person:

Name: Dr. K. Jayalakshmi
Designation: Head & Associate Professor
Organization: University College of Arts & Science, Krishna University,
Machilipatnam.
Phone: 9949756078
Email: jayalakshmikaramsi@gmail.com

Details of the Organizer / Co-ordinator:

Name: Dr. K. Jayalakshmi
Designation: Head & Associate Professor
Department: Mathematics

Objectives of the Program:

Topics Covered:

- Introduction to Scilab, its installation, main features
- Scilab coded toolboxes and getting started with toolbox
- Scilab default console, Arithmetic operations, Scilab as a calculator
- Basic elements of Scilab, predefined variables and some useful scilab commands
- Vectors and Matrices
- Polynomials
- Plotting Graphs
- Solution of equation by bisection method and Newton Raphson method
- Solution by muller method and Gauss elimination method
- Solution using inverse of a matrix
- Eigen values and Eigen Vectors
- Least Square Straight fit
- Jacobian matrix of the given system

The Value Added Course was successful with 20 students and the valuable classes of the Resource Person Dr. K. Jayalakshmi on “ **Scilab – A Mathematical tool for solving numerical problems**” for Two weeks from 14.06.2022 to 02.07.2022. The students have express their happiness through the feedback forms and asked to conduct this sort of Value added course in future.

Signature of the Organizer / Co-ordinator