



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with "A" grade by NAAC

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119

www.sathyabama.ac.in



School of Science and Humanities

Department of Physics

Academic year – 2017- 2018

1.3.2 & 1.3.3 – Value Added Programme

Name of the value added courses (with 30 or more contact hours) offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
MATLAB and its Application in Simulation	Nil	2018	Once	36 Hrs	54	54
5 Days Workshop on Career Counselling	Nil	2017	Once	30 Hrs	14	14



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A Certificate Course on MATLAB and its Applications in Simulation – Brochure



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School of Science and Humanities

Department of Physics

Organizes

A certificate Course on MATLAB and its Applications in Simulation

from April 02 to 07, 2018

CHIEF PATRON

Dr. Mariazeena Johnson
Chancellor

Dr. Marie Johnson
President

PATRON

Dr.T.Sasipraba
Vice Chancellor

Convener

Dr.S.Ravichandran

Head of the Department

Department of Physics

Time : 8:00 AM to 3:15 PM

Venue : FIST LAB, Department of Physics

Co-ordinators

Faculties

Department of Physics

School of Science and Humanities



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**SCHOOL OF SCIENCE AND HUMANITIES
DEPARTMENT OF PHYSICS**

Ref: SIST/ PHY/CIRCULAR/04

01st April, 2018

STUDENT'S CIRCULAR

Subject: A Certificate Course on MATLAB and its Applications in Simulation

This is to inform all UG and PG Physics students that a certificate course on MATLAB has been organized from 2-7 April, 2018 by Department of Physics. All students are invited to participate in the programme.

The detailed schedule of the program is given below

S. No.	Topic	Dates and venue
1.	Problem solving, GUI, Programming, Image analysis	2-7 April, 2018 FIST lab, Department of Physics

Note: Timing: 08:00 AM – 03:15 PM

100% attendance is mandatory.

Certificate will be given at the end of the programme.

Copy to: 1.Vice Chancellor, Pro Vice Chancellor, Registrar and COE

2.Dean - Students affair

Display: All UG and PG Physics classrooms and Physics Lab

Head of Department of Physics

Dr. S.Ravichandran



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A Certificate Course on MATLAB and its Applications in Simulation – Syllabus

Mode of class: Offline

Duration: 36 Hours

COURSE CO-ORDINATOR(S): Faculties of Department of Physics

Pre-Requisite: NIL

A Certificate Course on MATLAB and its Applications in Simulation – Schedule

Day 1 02.04.2018	Day 2 03.04.2018	Day 3 04.04.2018	Day 4 05.04.2018	Day 5 06.04.2018	Day 6 07.04.2018
Dr. M. Manjula 8:00 – 9:00 AM	Dr. C. Rameshkumar 8:00 – 9:00 AM	Dr. P. Malliga 8:00 – 9:00 AM	Dr. D. S. Jayalakshmi 8:00 – 9:00 AM	Dr. S. Murugesan 8:00 – 9:00 AM	Dr. C. Rameshkumar 8:00 – 9:00 AM
Dr. P. Malliga 9:00 – 10:00 AM	Dr. D. S. Jayalakshmi 9:00 – 10:00 AM	Dr. S. Murugesan 9:00 – 10:00 AM	Dr. C. Rameshkumar 9:00 – 10:00 AM	Dr. Helen Merina Albert 9:00 – 10:00 AM	Dr. D. S. Jayalakshmi 9:00 – 10:00 AM
Dr. Helen Merina Albert 10:15-11:15 AM	Dr. P. Malliga 10:15-11:15 AM	Dr. Helen Merina Albert 10:15-11:15 AM	Dr. P. Malliga 10:15-11:15 AM	Dr. D. S. Jayalakshmi 10:15-11:15 AM	Dr. S. Murugesan 10:15-11:15 AM
Dr. S. Murugesan 11:15-12:15 PM	Dr. Helen Merina Albert 11:15-12:15 PM	Dr. M. Manjula 11:15-12:15 PM	Dr. S. Murugesan 11:15-12:15 PM	Dr. C. Rameshkumar 11:15-12:15 PM	Dr. Helen Merina Albert 11:15-12:15 PM
Dr. C. Rameshkumar 01:15-02:15 PM	Dr. M. Manjula 01:15-02:15 PM	Dr. D. S. Jayalakshmi 01:15-02:15 PM	Dr. M. Manjula 01:15-02:15 PM	Dr. P. Malliga 01:15-02:15 PM	Dr. M. Manjula 01:15-02:15 PM
Dr. D. S. Jayalakshmi 02:15-03:15 PM	Dr. S. Murugesan 02:15-03:15 PM	Dr. C. Rameshkumar 02:15-03:15 PM	Dr. Helen Merina Albert 02:15-03:15 PM	Dr. M. Manjula 02:15-03:15 PM	Dr. P. Malliga 02:15-03:15 PM



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Report

On

A Certificate Course on MATLAB and its Applications in Simulation

Date: 07.04.2018

Venue: Department of Physics

The department of Physics organised a **certificate course on MATLAB** during 2-7 April, 2018 to benefit the Under graduate and Post graduate students of Physics. The resource persons were faculty members of Physics department. All the sessions were enriching as it included topics that will maximize their potential and deepen the educational content to a higher level.

The expected learning experience were:

- Applicability in academics, research
- Programming skill

The program was greatly appreciated by the students and ended with a vote of thanks by the department head.

Head of the Department of Physics

Dr. S. Ravichandran



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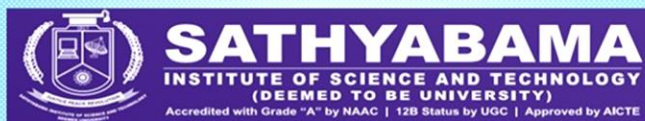
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Certificate of Participation

This is to certify that **RAJATHI. R.** is awarded for her participation in **"A
CERTIFICATE COURSE ON MATLAB AND ITS APPLICATIONS IN SIMULATION"**
conducted on **02 – 07 April, 2018**, organized by the **Department of Physics**,
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, Chennai,
India.

Co-ordinators
Faculties
Department of Physics
School of Science and Humanities

Dr. S. Ravichandran
Prof. and Head
Department of Physics



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Department of Physics
List of Participants

MAT LAB and its Application in Simulation
(2.4.2018-7.4.2018)

S.No	Name	Class
1	DIVYA SHREE. D	II M.Sc., Physics
2	RAMANUJAM. G	II M.Sc., Physics
3	JANVI ESTHER. E	II M.Sc., Physics
4	LAVANYA. V	II M.Sc., Physics
5	DINESH. R	II M.Sc., Physics
6	PRADHEEPA. K	II M.Sc., Physics
7	DHARANI AMIRTHA METILDA. A	II M.Sc., Physics
8	LOHITHA. T	II M.Sc., Physics
9	GUNACHITRA. T	II M.Sc., Physics
10	RAMALAKSHMI. S	II M.Sc., Physics
11	JAYA KUMARI	II M.Sc., Physics
12	JEEVA VERGIN RAJ. K A	II M.Sc., Physics
13	HELEN. P	II M.Sc., Physics
14	GOPIKA NATH	II M.Sc., Physics
15	GAYATHRI. R	II M.Sc., Physics
1	GOKUL. G	II M.Sc., Physics
17	KEERTHANA. M	II M.Sc., Physics
18	SHIVA POOJA. R	II M.Sc., Physics
19	NITHYA SHRI. C	II M.Sc., Physics
20	BUVANESWARAN. S	II M.Sc., Physics
21	MAHALAKSHMI. D	II M.Sc., Physics
22	ADITYA CHATURVEDI	III B.Sc., Physics
23	ELAKKIYA	III B.Sc., Physics
24	KARTHIKEYA	III B.Sc., Physics
25	PREM	III B.Sc., Physics
26	SATHIYA	III B.Sc., Physics
27	SUMUGA	III B.Sc., Physics
28	THULASINATH	III B.Sc., Physics
29	ADITYA CHATURVEDI	III B.Sc., Physics
30	ELAKKIYA	III B.Sc., Physics
31	KARTHIKEYA	III B.Sc., Physics
32	PREM	III B.Sc., Physics
33	SATHIYA	III B.Sc., Physics
34	SUMUGA	III B.Sc., Physics
35	THULASINATH	III B.Sc., Physics
36	ANANTH.D	III B.Sc., Physics

37	HARI PRIYA .K	IMSc., Physics
38	KEERTHIKA .S	IMSc., Physics
39	MONICA .S	IMSc., Physics
40	SABITHA .S	IMSc., Physics
41	RAMALAKSHIMI S	IMSc., Physics
42	SWETA SAIRAM .K	IMSc., Physics
43	JAYAPRIYA .E	IMSc., Physics
44	RISHKA .R	IMSc., Physics
45	BHARATH SHIRPI THASAN .K.S	IMSc., Physics
46	NASREEN BANU .M	IMSc., Physics
47	RISHKA .R	IMSc., Physics
48	HARI PRIYA .K	IMSc., Physics
49	KEERTHIKA .S	IMSc., Physics
50	MONICA .S	IMSc., Physics
51	SABITHA .S	IMSc., Physics
52	RAMALAKSHIMI S	IMSc., Physics
53	SWETA SAIRAM .K	IMSc., Physics
54	JAYAPRIYA .E	IMSc., Physics



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5 Days Workshop on Career Counselling- Brochure



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School of Science and Humanities
Department of Physics
Organizes
5 Days Workshop on Career Counselling
from November 20 to 24, 2017

CHIEF PATRONS
Dr. Mariazeena Johnson **Dr. Marie Johnson**
Chancellor President

PATRON
Dr.T.Sasipraba
Vice Chancellor

Time : 8:00 AM to 3:15 PM
Venue : FIST LAB, Department of Physics

Convener
Dr.S.Ravichandran
Head of the Department
Department of Physics

Co-ordinators
Faculties
Department of Physics
School of Science and Humanities



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SCHOOL OF SCIENCE AND HUMANITIES
DEPARTMENT OF PHYSICS

Ref: SIST/ PHY/CIRCULAR/03

10th November, 2017

STUDENT'S CIRCULAR

Subject: 5 Days Workshop on Career Counselling

This is to inform all UG and PG Physics students that a workshop on career counselling has been organized from 20-24 November, 2017 by Department of Physics. All students are invited to participate in the programme.

The detailed schedule of the program is given below

S. No.	Topic	Dates and venue
1.	Various aspects of career counselling, Models, Implications	20-24 November, 2017 FIST lab, Department of Physics

Note: Timing: 08:00 AM – 03:15 PM
100% attendance is mandatory.
Certificate will be given at the end of the programme.

Copy to: 1.Vice Chancellor, Pro Vice Chancellor, Registrar and COE
2.Dean - Students affair

Display: All UG and PG Physics classrooms and Physics Lab

Head of Department of Physics

Dr. S.Ravichandran



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5 Days Workshop on Career Counselling – Syllabus

Mode of class: Offline

Duration: 30 Hours

COURSE CO-ORDINATOR(S): Faculties of Department of Physics

Pre-Requisite: NIL

Skill: This course will help student to learn different aspects of career development.

5 Days Workshop on Career Counselling – Schedule

Day 1 20.11.2017	Day 2 21.11.2017	Day 3 22.11.2017	Day 4 23.11.2017	Day 5 24.11.2017
Dr. S. Ravichandran 8:00 – 9:00 AM	Dr. P. Malliga 8:00 – 9:00 AM	Dr. Vijai Anand 8:00 – 9:00 AM	Dr. J. Anita Lett 8:00 – 9:00 AM	Dr. D. S. Jayalakshmi 8:00 – 9:00 AM
Dr. P. Malliga 9:00 – 10:00 AM	Dr. Vijai Anand 9:00 – 10:00 AM	Dr. S. Ravichandran 9:00 – 10:00 AM	Dr. S. Ravichandran 9:00 – 10:00 AM	Dr. Vijai Anand 9:00 – 10:00 AM
Dr. J. Anita Lett 10:15-11:15 AM	Dr. S. Ravichandran 10:15-11:15 AM	Dr. P. Malliga 10:15-11:15 AM	Dr. D. S. Jayalakshmi 10:15-11:15 AM	Dr. J. Anita Lett 10:15-11:15 AM
Dr. D. S. Jayalakshmi 11:15-12:15 PM	Dr. D. S. Jayalakshmi 11:15-12:15 PM	Dr. Amirdha Sher Gill 11:15-12:15 PM	Dr. Amirdha Sher Gill 11:15-12:15 PM	Dr. P. Malliga 11:15-12:15 PM
Dr. Vijai Anand 01:15-02:15 PM	Dr. Amirdha Sher Gill 01:15-02:15 PM	Dr. J. Anita Lett 01:15-02:15 PM	Dr. Vijai Anand 01:15-02:15 PM	Dr. Amirdha Sher Gill 01:15-02:15 PM
Dr. Amirdha Sher Gill 02:15-03:15 PM	Dr. J. Anita Lett 02:15-03:15 PM	Dr. D. S. Jayalakshmi 02:15-03:15 PM	Dr. P. Malliga 02:15-03:15 PM	Dr. S. Ravichandran 02:15-03:15 PM



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Report
On
5 Days Workshop on Career Counselling

Date: 24.11.2017

Venue: Department of Physics

The department of Physics organised a **workshop on career counselling** during 20-24 November, 2017 to benefit the Under graduate and Post graduate students of Physics. The resource persons were faculty members of Physics department. All the sessions were enriching as it included topics that will maximize their potential and deepen the educational content to a higher level.

The expected learning experience were:

- Balancing professional and personal life
- Learning strategies for smooth career life

The program was greatly appreciated by the students and ended with a vote of thanks by the department head.

Head of the Department of Physics

Dr. S. Ravichandran



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Certificate of Participation

This is to certify that **M. PANI VIGNESH**, is awarded for his participation in "**5 DAYS WORKSHOP ON CAREER COUNSELLING**" conducted on **20 - 24 November, 2017**, organized by the **Department of Physics**, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, Chennai, India.

Co-ordinators
Faculties
Department of Physics
School of Science and Humanities

Dr. S. Ravichandran
Prof. and Head
Department of Physics



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Department of Physics
List of Participants

Workshop on Career Counselling
(20.11.2017-24.11.2017)

S.No.	Name	Class
1	DIVYA SHREE. D	I M.Sc Physics
2	RAMANUJAM. G	I M.Sc Physics
3	JANVI ESTHER. E	I M.Sc Physics
4	LAVANYA. V	I M.Sc Physics
5	DINESH. R	I M.Sc Physics
6	PRADHEEPA. K	I M.Sc Physics
7	DHARANI AMIRTHA METILDA. A	I M.Sc Physics
8	LOHITHA. T	I M.Sc Physics
9	GUNACHITRA. T	I M.Sc Physics
10	RAMALAKSHMI. S	I M.Sc Physics
11	JAYA KUMARI	I M.Sc Physics
12	JEEVA VERGIN RAJ. K A	I M.Sc Physics
13	HELEN. P	I M.Sc Physics
14	GOPIKA NATH	I M.Sc Physics