



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 – 2018-2019

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
A Course on Astrophysics	Nil	2019	Once	30 Hrs	57	57
One Week Training on Communication Skills	Nil	2018	Once	30 Hrs	54	54



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A course on Astrophysics - Brochure

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**School of Science and Humanities
Department of Physics**

Organizes

A course on Astrophysics
from April 22 - 27, 2019

CHIEF PATRONS

Dr. Mariazeena Johnson
Chancellor

Dr. Marie Johnson
President

PATRON
Dr.T.Sasipraba
Vice Chancellor

Time : 8:00-2:15 PM
Venue: Library AC Auditorium

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/06

15th April, 2019

STUDENT'S CIRCULAR

Subject: A course on Astrophysics

This is to inform all UG and PG Physics students that a course on Astrophysics has been organized from 22-27 April, 2019 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.	Blackholes, planetary atmospheres, interstellar dust, spectroscopic lines	22-27 April, 2019 Library AC Auditorium

Note: Time: 08:00 AM – 02:15 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 course on Astrophysics – Syllabus

Mode of class: Offline

Duration: 30 Hours

COURSE CO-ORDINATOR(S):

Faculties of Department of Physics

Pre-Requisite: NIL

A course on Astrophysics – Schedule

Day 1 22.04.2019	Day 2 23.04.2019	Day 3 24.04.2019	Day 25.04.2019	Day 5 26.04.2019	Day 6 27.04.2019
Dr. Helen Merina Albert 8:00 – 9:00 AM	Dr. C. Rameshkumar 8:00 – 9:00 AM	Dr. J. Anita Lett 8:00 – 9:00 AM	Dr. Vijai Anand 8:00 – 9:00 AM	Dr. S. Murugesan 8:00 – 9:00 AM	Dr. M. Manjula 8:00 – 9:00 AM
Dr. J. Anita Lett 9:00 – 10:00 AM	Dr. Vijai Anand 9:00 – 10:00 AM	Dr. S. Murugesan 9:00 – 10:00 AM	Dr. C. Rameshkumar 9:00 – 10:00 AM	Dr. M. Manjula 9:00 – 10:00 AM	Dr. M. Manjula 9:00 – 10:00 AM
Dr. M. Manjula 10:15-11:15 AM	Dr. J. Anita Lett 10:15-11:15 AM	Dr. C. Rameshkumar 10:15-11:15 AM	Dr. J. Anita Lett 10:15-11:15 AM	Dr. Vijai Anand 10:15-11:15 AM	Dr. S. Murugesan 10:15-11:15 AM
Dr. S. Murugesan 11:15-12:15 PM	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. C. Rameshkumar 11:15-12:15 PM	Dr. Vijai Anand 11:15-12:15 PM
Dr. C. Rameshkumar 01:15-02:15 PM	Dr. Helen Merina Albert 01:15-02:15 PM	Dr. Vijai Anand 01:15-02:15 PM	Dr. Helen Merina Albert 01:15-02:15 PM	Dr. J. Anita Lett 01:15-02:15 PM	Dr. Helen Merina Albert 01:15-02:15 PM



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Report

On

A course on Astrophysics

Date: 27.04.2019

Venue: Department of Physics

The department of Physics organised a **programme on Astrophysics** during 22-27 April, 2019 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:

- Exploring opportunities in research
- Extra-terrestrial 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 **SHIVA POOJA. R** is awarded for her participation in "**A course on Astrophysics**" conducted on **22 – 27 April, 2019**, 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

A Course on Astrophysics

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
16	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	KARTHIKEYAN	III B.Sc Physics
25	PREM	III B.Sc Physics
26	SATHIYA M	III B.Sc Physics
27	SUMUGA K	III B.Sc Physics
28	THULASINATH	III B.Sc Physics
29	ADITYA CHATURVEDI	III B.Sc Physics
30	SRELAKKIYA	III B.Sc Physics
31	KARTHIKEYA	III B.Sc Physics
32	PREM S	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	I MSc Physics

38	KEERTHIKA .S	I MSc Physics
39	MONICA .S	I MSc Physics
40	SABITHA .S	I MSc Physics
41	RAMALAKSHIMI S	I MSc Physics
42	SWETA SAIRAM .K	I MSc Physics
43	JAYAPRIYA .E	I MSc Physics
44	RISHKA .R	I MSc Physics
45	BHARATH SHIRPI THASAN .K.S	I MSc Physics
46	NASREEN BANU .M	I MSc Physics
47	RISHKA .R	I MSc Physics
48	PRIYA .K	I MSc Physics
49	KEERTHIKA N	I MSc Physics
50	MONICA .L	I MSc Physics
51	SABITHA .P	I MSc Physics
52	RAJALAKSHIMI S	I MSc Physics
53	SWETA K	I MSc Physics
54	JAYAPRIYA	I MSc Physics
55	P.ARUL	I MSc Physics
56	PARVATHY S	I MSc Physics
57	PRAVEEN M	I MSc Physics



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One week training on communication skill – Brochure

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**School of Science and Humanities
Department of Physics**
Organizes
One week training on communication skill
from 10 – 14 September, 2018

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

PATRON
Dr.T.Sasipraba
Vice Chancellor

Time : 8:00-3:15 PM
Venue: Library AC Auditorium

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/05

05th September, 2018

STUDENT'S CIRCULAR

Subject: One week training on communication skill

This is to inform all UG and PG Physics students that a training on communication skill has been organized from 10-14 September, 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.	English language, vocabulary, Recitation, Speaking, LSRW	10-14 September, 2018 Library AC Auditorium

Note: Time: 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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One week training on communication skill – Syllabus

Mode of class: Offline

Duration: 30 Hours

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

Pre-Requisite: NIL

One week training on communication skill – Schedule

Day 1 10.09.2018	Day 2 11.09.2018	Day 3 12.09.2018	Day 4 13.09.2018	Day 5 14.09.2018
Dr. S. Ravichandran 8:00 – 9:00 AM	Dr. J. Anita Lett 8:00 – 9:00 AM	Dr. P. Malliga 8:00 – 9:00 AM	Dr. Amirdha Sher Gill 8:00 – 9:00 AM	Dr. J. Anita Lett 8:00 – 9:00 AM
Dr. P. Malliga 9:00 – 10:00 AM	Dr. Vijai Anand 9:00 – 10:00 AM	Dr. Amirdha Sher Gill 9:00 – 10:00 AM	Dr. Helen Merina Albert 9:00 – 10:00 AM	Dr. Helen Merina Albert 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. Vijai Anand 10:15-11:15 AM
Dr. J. Anita Lett 11:15-12:15 PM	Dr. Helen Merina Albert 11:15-12:15 PM	Dr. S. Ravichandran 11:15-12:15 PM	Dr. J. Anita Lett 11:15-12:15 PM	Dr. S. Ravichandran 11:15-12:15 PM
Dr. Amirdha Sher Gill 01:15-02:15 PM	Dr. S. Ravichandran 01:15-02:15 PM	Dr. Vijai Anand 01:15-02:15 PM	Dr. S. Ravichandran 01:15-02:15 PM	Dr. P. Malliga 01:15-02:15 PM
Dr. Vijai Anand 02:15-03:15 PM	Dr. Amirdha Sher Gill 02:15-03:15 PM	Dr. J. Anita Lett 02:15-03:15 PM	Dr. Vijai Anand 02:15-03:15 PM	Dr. Amirdha Sher Gill 02:15-03:15 PM



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Report

On

One week training on communication skill

Date: 14.09.2018

Venue: Department of Physics

The department of Physics organised a **training on communication skill** during 10-14 September, 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:

- Higher studies abroad
- Developing skills for job

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

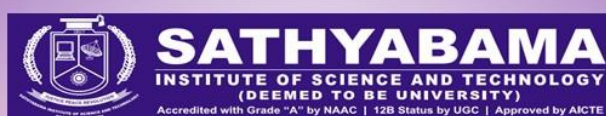
Dr. S. Ravichandran



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Certificate of Participation

This is to certify that **MUKESH. M** is awarded for his participation in **"ONE WEEK TRAINING ON COMMUNICATION SKILL"** conducted on **10 – 14 September, 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

One Week Training on Communication Skills

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
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8	LOHITHA. T	II M.Sc., Physics
9	GUNACHITRA. T	II M.Sc., Physics
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47	RISHKA .R	I MSc., Physics
48	PRIYA .K	I MSc., Physics
49	KEERTHIKA N	I MSc., Physics
50	MUKESH M	I MSc., Physics
51	SABITHA .P	I MSc., Physics
52	RAJALAKSHIMI S	I MSc., Physics
53	SWETA K	I MSc., Physics
54	JAYAPRIYA	I MSc., Physics