



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

SCHOOL OF SCIENCE AND HUMANITIES DEPARTMENT OF PHYSICS

Ref: SIST/ PHY/ELECTIVE/2022-23

08th OCTOBER, 2022

CIRCULAR

SUB: Elective – Course registration for the IV Semester PG students of 2021-23 batch- reg.

The students of M. Sc Physics (IV-semester) are informed to select two subjects as electives from the given list below. It is suggested that students must take utmost care while selecting the elective which must be based on their interest and give their choice on or before 01st November, 2022. If any student wants to change the course after the registration process, the request has to be sent to the Head of the department through counselor.

Dr. S. RAVICHANDRAN
Head of the Department

Dr. S. RAVICHANDRAN,
Professor & Head,
Department of Physics
Sathyabama Institute of Science & Technology,
Chennai - 600 119.

Copy to: Dean-S&H
MSc-Class counselor
II year- MSc students,
Department file



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

LIST OF ELECTIVE- 1 PAPERS

Sl. No.	Course type	Course code	Course title
1.	Theory	SPHA7403	Energy Materials
2.	Theory	SPHA7401	Renewable Energy Sources
3.	Theory	SPHA7402	Instrumentation Physics
4.	Theory	SPHA7404	Nanomaterials and Applications

LIST OF ELECTIVE - 2 PAPERS

Sl. No.	Course type	Course code	Course title
1.	Theory	SPHA7405	Introduction to Computational Materials Science
2.	Theory	SPHA7411	Radiation Physics
3.	Theory	SPHA7406	Thin film Technology
4.	Theory	SPHA7407	Crystallography and Crystal Growth

Dr. S. RAVICHANDRAN
Head of the Department

Dr. S.RAVICHANDRAN,
Professor & Head,
Department of Physics
Sathyabama Institute of Science & Technology,
Chennai - 600 119.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

SCHOOL OF SCIENCE AND HUMANITIES
DEPARTMENT OF PHYSICS

Ref: SIST/ PHY/ELECTIVE/2022-23

10th November, 2022

CIRCULAR

With reference to the circular dated 08-10-2022, the consolidated list showing the students opted elective courses in the academic year 2022-23.

Sl. No.	Course code	Course title	No. of Students opted
1.	SPHA7403	Energy Materials	26
2.	SPHA7401	Renewable Energy Sources	-
3.	SPHA7402	Instrumentation Physics	-
4.	SPHA7404	Nanomaterials and Applications	-
5.	SPHA7405	Introduction to Computational Materials Science	-
6.	SPHA7411	Radiation Physics	26
7.	SPHA7406	Thin film Technology	-
8.	SPHA7407	Crystallography and Crystal Growth	-

Dr. S. RAVICHANDRAN

Copy to: Dean-S&H
MSc-Class counselor
II year- MSc students,
Department file

Head of the Department

Dr. S. RAVICHANDRAN.
Professor & Head,
Department of Physics
Sathyabama Institute of Science & Technology,
Chennai - 600 119.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

SCHOOL OF SCIENCE AND HUMANITIES

DEPARTMENT OF PHYSICS

LIST OF STUDENTS CHOSSING ELECTIVE: ACADEMIC YEAR 2022-2023

ELECTIVE – 1

SPHA7411	Radiation Physics
----------	-------------------

ELECTIVE – 2

SPHA7403	Energy Materials
----------	------------------

REGISTER NUMBER	NAME	ELECTIVE – 1	ELECTIVE – 2
41590001	ANITHA A	Anitha	Anitha
41590002	AUXILIA V	Vale	Vale
41590003	DHARSHINI V	Dev.	Dev
41590004	DIVYA D	Divya D	Divya D
41590005	DIVYALAKSHMI S	Sd	Sd
41590006	JEMIMA T	Jemima	Jemima
41590007	JENOLIN SHALOM S	Jenolo	Jenolo
41590008	JESSICA A	Jessica	Jessica
41590009	J KAVITHA	Kavitha	Kavitha
41590010	KEERTHANA PRIYA G	Keerthana	Keerthana
41590011	LOKESHWARI G	Lokeswari	Lokeswari
41590012	MANISHA S	Manisha	Manisha
41590013	NILA K	N. Nk	N. Nk



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

41590014	PRIYADHARSHINI C	Priya	Priya
41590015	RAJESH R	Rajesh	Rajesh
41590016	SAARWIN S S	Saarl	Saarl
41590017	SANTHOSH D	Santh	Santh
41590018	SARANYA K	Saranya	Saranya
41590019	S.SIVARAMALAKSHMI	S. Sivar	S. Sivar
41590020	SRIPRIYA R R	Sripriya	Sripriya
41590021	STALIN MARIVALAN R	Stalin	Stalin
41590022	SUNDARESAN M	Sundaresan	Sundaresan
41590023	TAMILARASAN P	Thamil	Thamil
41590024	THENMOZHI L	Thenmozhi	Thenmozhi
41590025	S.VAISHALI	S. Vaishali	S. Vaishali
41590026	VENIS MANO J	Venish	Venish
41590027	M.R.YOGAJOTHIESHWARAN	M.R. Yog	M.R. Yog



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

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

Ref: SIST/ PHY/ELECTIVE/2022-23

12th December, 2022

CIRCULAR

SUB: Elective – Course registration for the VI Semester UG students of 2020-23 batch- reg.

The students of B. Sc Physics (VI-semester) are informed to select two subjects as electives from the given list below. It is suggested that students must take utmost care while selecting the elective which must be based on their interest and give their choice on or before 20th December, 2022. If any student wants to change the course after the registration process, the request has to be sent to the Head of the department through counsellor.

Dr. S. RAVICHANDRAN
Head of the Department

Dr. S. RAVICHANDRAN,
Professor & Head,
Department of Physics
Sathyabama Institute of Science & Technology,
Chennai - 600 119.

Copy to: Dean-S&H
BSc-Class counselor
III year- BSc students,
Department file



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

LIST OF ELECTIVE- 1 PAPERS

S. No.	Course type	Course code	Course title
1.	Theory	SPHA1318	Industrial Instrumentation
2.	Theory	SPHA1319	Physics and Instrumentation
3.	Theory	SPHA1320	Astronomy and astrophysics

LIST OF ELECTIVE - 2 PAPERS

S. No.	Course type	Course code	Course title
1.	Theory	SPHA1315	Nuclear and Particle Physics
2.	Theory	SPHA1317	Thin film Physics
3.	Theory	SPHA1321	Electronics

Dr. S. RAVICHANDRAN
Head of the Department

Dr. S. RAVICHANDRAN.
Professor & Head,
Department of Physics
Sathyabama Institute of Science & Technology,
Chennai - 600 119.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

SCHOOL OF SCIENCE AND HUMANITIES
DEPARTMENT OF PHYSICS

Ref: SIST/ PHY/ELECTIVE/2022-23

21st December, 2022

CIRCULAR

With reference to the circular dated 12.12.2022, the consolidated list showing the students opted elective courses in the academic year 2022-23.

Sl. No.	Course code	Course title	No. of Students opted
1.	SPHA1318	Industrial Instrumentation	-
2.	SPHA1319	Physics and Instrumentation	20
3.	SPHA1320	Astronomy and astrophysics	-
4.	SPHA1315	Nuclear and Particle Physics	20
5	SPHA1317	Thin film Physics	-
6	SPHA1321	Electronics	-

Dr. S. RAVICHANDRAN

Copy to: Copy to: Dean-S&H
BSc-Class Counselor
III year- BSc students,
Department file

Head of the Department

Dr. S.RAVICHANDRAN,
Professor & Head,
Department of Physics
Sathyabama Institute of Science & Technology,
Chennai - 600 119.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

SCHOOL OF SCIENCE AND HUMANITIES

DEPARTMENT OF PHYSICS

LIST OF STUDENTS CROSSING ELECTIVE: ACADEMIC YEAR 2022-2023

ELECTIVE - 1

SPHA1319	Physics and Instrumentation
----------	-----------------------------

ELECTIVE - 2

SPHA1315	Nuclear and Particle Physics
----------	------------------------------

REGISTER NUMBER	NAME	ELECTIVE - 1	ELECTIVE - 2
40020001	ABINESH. N	Am	A
40020002	ARUL SELVAN. E	Arul	Arul
40020003	DEEPAJOTHI. G	Deepa	Deepa
40020004	DILESHA. G	Dig	Dig
40020005	DINESH MONGIA. M	Dinesh	Dinesh
40020006	JAYASHREE. K	Jaya	Jaya
40020007	JEEVANANTHAN. A	Jeevan	Jeevan
40020008	KALAIYARASI. K	Kalaiyarasi	Kalaiyarasi
40020009	KAVIYA. S	Kavi	Kavi
40020010	KOWSALYA. C	Kow	Kow
40020011	MAREESHWARI. C	Mare	Mare
40020012	MUTHUMARI. C	Muthumari. C.	Muthumari. C.
40020013	NEEVETHA. R	Nee	Nee
40020014	PAVITHRA. M	Pavithra	Pavithra



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

40020015	PAVITHRA. S.	<i>Pavithra S.</i>	<i>Pavithra S.</i>
40020016	RANJANI. K.	<i>Ranjani K.</i>	<i>Ranjani K.</i>
40020017	SREE VIDHYA. B	<i>Sree Vidhya B.</i>	<i>Sree Vidhya B.</i>
40020018	SURIYA KUMAR. S	<i>Suriya Kumar S.</i>	<i>Suriya Kumar S.</i>
40020019	UMAMAGESWARI. M	<i>Umageshwari M.</i>	<i>Umageshwari M.</i>
40020020	VARSHA. R	<i>Varsha R.</i>	<i>Varsha R.</i>