



DEPARTMENT : PHYSICS

ACTIVITY : FIELD TRIP

YEAR : 2023-2024

DEPARTMENT OF PHYSICS

DATE	TIME	VENUE
02.02.2024	08:00 am. to 06:00 p.m.	Solar Observatory, Kodaikanal
Theme	To embark on an exciting adventure of exploration and discovery at the Kodaikanal Solar Observatory	
Nature of the Activity	Field Trip	
Title	Visit to Kodaikanal Solar Observatory	
Convener	Mrs.R.Kayalvizhi Head, Assistant Professor of Physics E.M.G. Yadava Women's College	
Coordinators	Mrs.P.Revathi Mrs.M.R.Gurulakshmi Mrs.M.Hemalatha Assistant Professors of Physics EMGYWC	
No. of Participants	Students - 43	

FIELD TRIP - VISIT TO KODAIKANAL SOLAR OBSERVATORY

Objective:

The Department of Physics organized a field trip to the Kodaikanal Solar Observatory for undergraduate (U.G) and postgraduate (P.G) physics students. The primary objective of the trip was to provide students with hands-on experience in solar observation techniques, deepen their understanding of solar physics, and expose them to the research conducted at the observatory.

Activities:

The day began with an early departure from the College campus, with U.G and P.G students and faculty eagerly anticipating the journey ahead. Upon arrival at the

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Kodaikanal Solar Observatory, students were greeted by knowledgeable guides who led them on a comprehensive tour of the facility.

The activities included:

Students were taken on a guided tour of the observatory, where they learned about the history of solar observation and the evolution of the observatory's equipment over the years. Students engaged in discussions on sunspot cycles, solar flares, and the impact of solar activity on Earth's climate. Students had the opportunity to observe the Sun through specialized telescopes. They witnessed sunspots, solar prominences, and other solar phenomena first-hand, under the guidance of experienced astronomers.

Outcome:

The field trip provided students with a unique and enriching learning experience. They gained practical knowledge of solar observation techniques, deepened their understanding of solar physics concepts, and interacted with professionals in the field. The trip also inspired students to pursue further studies and research in solar astronomy and related disciplines.

The Department of Physics is grateful to the Kodaikanal Solar Observatory staff for their warm welcome and informative sessions. The field trip was a resounding success, achieving its objectives of enhancing student learning and fostering a deeper appreciation for solar science.

Overall, the trip was a memorable and educational experience for both U.G and P.G students, and the Department looks forward to organizing similar enriching activities in the future.

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Photographs:



Field Trip Visit to Kodaikanal Solar Observatory - 02.02.2024

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From

The Head,
Department of Physics,
E.M.G Yadava Women's College,
Madurai-14.

To

The Principal,
E.M.G Yadava Women's College,
Madurai-14.

Respected Madam,

A batch of 50 students of U.G & P.G Physics accompanied by 5 staff members are going to visit Kodaikanal observatory on 02.02.2024. Your kind permission is requested for the above field visit.

Thanking you

Place : Madurai

Date : 23.02.2024

me

E.M. Gopalakrishna Kone

Your's faithfully,

Kayathir

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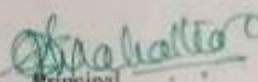
Date : 24.01.2024

To

Dr.M.Chrispin Karthick,
Scientist " C " & Deputy Head of Outreach Section,
Public Outreach In-Charge for Kodaikanal Observatory and Museum,
Science Communication Public Outreach and Education,
Indian Institute of Astrophysics (IIA).

Respected sir,

I extend my greeting to you. We seek permission for 100 students and faculty from the Mathematics & Physics Department of our college to visit the Kodaikanal Solar Observatory on February 2, 2024. Our primary objective of this visit is to align this experience with our educational goals, providing our students with valuable insights into the field of solar science. Kindly give your approval for this endeavor's visit under the observatory's policies.


Principal
PRINCIPAL I/C
E.M.G. YADAVA WOMEN'S COLLEGE
MADURAI 625 014

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Student Participants:

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Field Trip Visit to Kodaikanal Solar Observatory - 02.02.2024

S.No.	REGISTER NO.	NAME	DEPARTMENT
1.	23PHY01	G.Archana	PHYSICS
2.	23PHY03	B.Bhuvaneshwari	PHYSICS
3.	23PHY04	S.Bhuvaneshwari	PHYSICS
4.	23PHY05	D.Deepadharshini	PHYSICS
5.	23PHY07	V.Jeyarani	PHYSICS
6.	23PHY08	M.Karshini	PHYSICS
7.	23PHY09	N.Madhana	PHYSICS
8.	23PHY10	T.Nishalini	PHYSICS
9.	23PHY14	P.Ruthraa	PHYSICS
10.	23PHY15	M.SakthiDevi	PHYSICS
11.	23PHY17	T.Shivali	PHYSICS
12.	22PHY01	M.Abila	PHYSICS
13.	22PHY03	P. Dharani Priya	PHYSICS
14.	22PHY05	M. Jayalakshmi	PHYSICS
15.	22PHY06	M. Karuniya	PHYSICS
16.	22PHY07	V. Pothiyalagi	PHYSICS
17.	22PHY08	C. Pradeesha	PHYSICS
18.	22PHY09	M. Sariga Banumathi	PHYSICS
19.	22PHY10	T. Saritha	PHYSICS
20.	22PHY02	K. Abirami	PHYSICS
21.	21PHY01	Archana.A	PHYSICS
22.	21PHY05	Deepthi.C	PHYSICS
23.	21PHY07	Dhivya.P	PHYSICS
24.	21PHY08	Gurudharshini.S	PHYSICS

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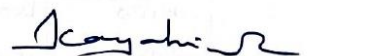

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25.	21PHY10	Jayasri.G	PHYSICS
26.	21PHY12	Kiruthiga.S	PHYSICS
27.	21PHY13	Krishna Vadhani.E.P	PHYSICS
28.	21PHY14	Pandiselvi.K	PHYSICS
29.	21PHY15	Pongayathri.B	PHYSICS
30.	21PHY18	Raji.M	PHYSICS
31.	21PHY19	Rakkayee @ Varalakshmi.T	PHYSICS
32.	21PHY20	Rama.A.A	PHYSICS
33.	21PHY21	Samitha.P	PHYSICS
34.	21PHY22	Sri Devi.N	PHYSICS
35.	21PHY23	Subha.M	PHYSICS
36.	21PHY24	Thiraviya.S.M	PHYSICS
37.	21PHY25	Vilva Yogeswari.M	PHYSICS
38.	22PPH03	L.Elakkiya	PHYSICS
39.	22PPH05	S.Heeba Nasrin	PHYSICS
40.	22PPH06	M.Hema Shalini	PHYSICS
41.	22PPH08	M.Kaviya	PHYSICS
42.	22PPH10	G.Pratheebe	PHYSICS
43.	22PPH12	A.Rahini	PHYSICS

Faculty participants of EMGYWC:

Field Trip Visit to Kodaikanal Solar Observatory - 02.02.2024		
S.No.	NAME	Designation
1.	Mrs. R.Kayalvizhi	Head, Assistant Professor of Physics
2.	Mrs.P.Revathi	Assistant Professor of Physics
3.	Mrs.M.R.Gurulakshmi	Assistant Professor of Physics
4.	Mrs.M.Hemalatha	Assistant Professor of Physics


Coordinator:


Head of the Department

Principal
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