DEPARTMENT : PHYSICS

ACTIVITY : SEMINAR & TRAINING

YEAR : 2022 – 2023

DATE	TIME	VENUE
27.02.2023	**10:30 a.m. to 12:30 p.m.**	**E.S.R. Alamelu Ammal Memorial Hall, & College Premises E.M.G Yadava Women's College, Madurai**
Theme		Exploring the Mysteries of the Sun
Nature of the Activity		Seminar , Cum Hands on Training
Title		Sun Spots Observation through Telescope
Convener		**Mrs. R. Kayalvizhi** Head, Assistant Professor of Physics E.M.G. Yadava Women's College Madurai
Resource Person		**Dr. S.Stephen Rajkumar Inbanathan** Associate Professor of Physics The American College, Madurai.
Collaborating Institution		**Academic Collaboration (MoU)** The American College, Madurai.
No. of Participants		**Faculty - 11** **Students - 86**

SEMINAR "SUN SPOTS OBSERVATION THROUGH TELESCOPE"

The seminar cum hands-on training session on "Sun Spots Observation through Telescope" was conducted to provide participants with both theoretical knowledge and practical experience in observing sunspots using telescopes. Sunspots, dark regions on the Sun's surface caused by magnetic activity, offer a fascinating window into solar dynamics.

Objectives:

- To educate participants about the nature and significance of sunspots in solar science.
- To familiarize students with the techniques and equipment used for observing sunspots through telescopes.

- To provide hands-on experience in setting up telescopes and safely observing sunspots.

Seminar Highlights:

Theoretical Session:

- Overview of Sunspots: The seminar began with an overview of sunspots, including their formation, characteristics, and importance in understanding solar activity.
- Telescopic Observation Techniques: Expert speakers provided insights into different types of telescopes suitable for solar observation, as well as safety measures for observing the Sun.

Hands-on Training:

- Equipment Setup: Participants were guided through the process of setting up telescopes equipped with solar filters for safe observation.
- Sunspot Observation: Under the guidance of instructors, participants had the opportunity to observe sunspots directly through telescopes. They learned how to identify and track sunspots across the Sun's surface.

Interactive Sessions:

- Q&A Session: Participants engaged in interactive discussions with experts, clarifying doubts and deepening their understanding of sunspot observation techniques.
- Data Analysis: A session was dedicated to analyzing and interpreting the observations made during the hands-on training, allowing participants to gain practical insights into sunspot behavior.

By combining theoretical knowledge with experiential learning, the event empowered participants to engage actively in solar observation and contribute to citizen science initiatives.

Photographs:

Department of Physics organized Seminar, Cum Hands on Training on "Sun Spots Observation through Telescope" - 27.02.2023

Invitation:


SEMINAR
ON
SUN SPOTS OBSERVATION THROUGH TELESCOPE
Venue: Seminar Hall
Date: 27.02.2025
Time: 10:00 AM
RESOURCE PERSONS:
Dr. S.STEPHEN RAJKUMAR INBANATHAN,
Associate professor,
Department of Physics,
The American College, Madurai.
Mr. S. ASHOK KUMAR M.Sc., (Ph.D)
Assistant Professor,
Department of Physics,
Sethu Institute of Technology,
Kariapatti.
ALL ARE INVITED

C. Student participants:

E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI – 625 014.
(An Autonomous Institution – Affiliated to Madurai Kamaraj University)
Re-accredited (3rd Cycle) with Grade A+ and CGPA 3.51 by NAAC

Seminar, Cum Hands on "Sun Spots Observation through Telescope" - 27.02.2023

S.No.	REGISTER NO.	NAME	DEPARTMENT
1.	22PHY01	M.ABILA	PHYSICS
2	22PHY02	K. ABIRAMI	PHYSICS
3	22PHY03	P. DHARANI PRIYA	PHYSICS
4	22PHY04	S. FATHIMA BEGAM	PHYSICS
5	22PHY05	M. JAYALAKSHMI	PHYSICS
6	22PHY06	M. KARUNIYA	PHYSICS
7	22PHY07	V. POTHIYALAGI	PHYSICS
8	22PHY08	C. PRADEESHA	PHYSICS
9	22PHY09	M. SARIGA BANUMATHI	PHYSICS
10	22PHY10	T. SARITHA	PHYSICS
11	21PHY01	ARCHANA.A	PHYSICS
12	21PHY04	ASIYA MARIYAM BANU.S	PHYSICS
13	21PHY05	DEEPTHI.C	PHYSICS
14	21PHY06	DEEPTHI.S	PHYSICS
15	21PHY07	DHIVYA.P	PHYSICS
16	21PHY08	GURU DHARSHINI.S	PHYSICS
17	21PHY09	IRFANA.S	PHYSICS
18	21PHY10	JAYASRI.G	PHYSICS
19	21PHY11	JUVAIRIYA FATHIMA.S	PHYSICS
20	21PHY12	KIRUTHIGA.S	PHYSICS

21	21PHY13	KRISHNA VADHANI.E.P	PHYSICS
22	21PHY14	PANDISELVI.K	PHYSICS
23	21PHY15	PONGAYATHRI.B	PHYSICS
24	21PHY17	RAHAMATH NISHA.S	PHYSICS
25	21PHY18	RAJI.M	PHYSICS
26	21PHY19	RAKKAYEE ALIAS VARALAKSHMI.T	PHYSICS
27	21PHY20	RAMA.A.A	PHYSICS
28	21PHY21	SAMITHA.P	PHYSICS
29	21PHY22	SRI DEVI.N	PHYSICS
30	21PHY23	SUBHA.M	PHYSICS
31	21PHY24	THIRAVIYA.S.M	PHYSICS
32	21PHY25	VILVA YOGESWARI.M	PHYSICS
33	20PHY01	C.ABITHA	PHYSICS
34	20PHY02	M.AKSHAYA	PHYSICS
35	20PHY03	M.DEEPADHARSHINI	PHYSICS
36	20PHY04	M.DEVIBALA	PHYSICS
37	20PHY05	R.ELAKKIYA	PHYSICS
38	20PHY06	R.HARINI DEVI	PHYSICS
39	20PHY08	N.KANISHKA	PHYSICS
40	20PHY09	S.MAHAJOTHI KIRUBA	PHYSICS
41	20PHY11	S.NISHANTHINI	PHYSICS
42	20PHY12	V.NIVETHA	PHYSICS
43	20PHY13	M.PAVITHRA	PHYSICS
44	20PHY15	J.PRIYADHARSHINI	PHYSICS
45	20PHY16	B.RATHIKA	PHYSICS
46	20PHY17	C.SANDHIYA	PHYSICS

47	20PHY18	G.SANTHIYA	PHYSICS
48	20PHY19	R.SINEHA	PHYSICS
49	20PHY20	B.SNEKA	PHYSICS
50	20PHY22	P.SUNDARA RANJANA	PHYSICS
51	20PHY23	N.SUVATHI	PHYSICS
52	20PHY24	K.SWETHA	PHYSICS
53	20PHY25	M.USHA ROOBINI	PHYSICS
54	20PHY26	S.YOGA	PHYSICS
55	22PPH01	N.ABIRAMI	PHYSICS
56	22PPH02	D.ANITHA	PHYSICS
57	22PPH03	L.ELAKKIYA	PHYSICS
58	22PPH04	S.GANGA	PHYSICS
59	22PPH05	S.HEEBA NASRIN	PHYSICS
60	22PPH06	M.HEMA SHALINI	PHYSICS
61	22PPH07	A.JABRIN	PHYSICS
62	22PPH08	M. KAVIYA	PHYSICS
63	22PPH09	M.LEENA	PHYSICS
64	22PPH10	G.PRATHEEBA	PHYSICS
65	22PPH11	K.PRIYA	PHYSICS
66	22PPH12	A.RAHINI	PHYSICS
67	21PPH01	AFRIN RIHANA.M	PHYSICS
68	21PPH02	AKSHAYA.A	PHYSICS
69	21PPH03	ANITHA.M	PHYSICS
70	21PPH04	GAYATHRI.S	PHYSICS
71	21PPH05	GURU JEYAM.S	PHYSICS
72	21PPH06	JENCY.K	PHYSICS

73	21PPH07	KAVIYA.T	PHYSICS
74	21PPH08	NITHYA.G	PHYSICS
75	21PPH09	NITHYA SRI.K	PHYSICS
76	21PPH10	PERIYADHARSHINI.N	PHYSICS
77	21PPH11	PRAKATHI.K	PHYSICS
78	21PPH12	RAJESHWARI.B	PHYSICS
79	21PPH13	RAMYA.A	PHYSICS
80	21PPH14	RAMYA.S	PHYSICS
81	21PPH17	SHAILAJA.P	PHYSICS
82	21PPH18	SHNEHA.N	PHYSICS
83	21PPH19	SIVASANKARI.K	PHYSICS
84	21PPH20	SNEKA.M	PHYSICS
85	21PPH21	UMA MAHESHWARI.R	PHYSICS
86	21PPH23	YUVASRI.A	PHYSICS

E. Chris Monica
Coordinator:

Head of the Department

Principal

PRINCIPAL I/C
E.M.G. YADAVA WOMEN'S COLLEGE
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