



FATIMA COLLEGE

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Affiliated to Madurai Kamaraj University
Re-Accredited with 'A++' by NAAC (Cycle - IV)
Mary Land, Madurai - 625018, Tamil Nadu

DEPARTMENT OF PHYSICS

Title : Physics of Photovoltaic Devices

Date : 13-02-2024

Resource Person/s : Dr. M. Jeyanthinath,
Associate Professor,
Department of Materials Science,
School of Chemistry,
Madurai Kamaraj University
Madurai

No. of Participants : 130

Focus on : **Research Methodology**

Outcome :

The participants were very much excited by the interesting applications of photovoltaic devices. The resource person tells about various research scopes for developing interest among students to enrich research further.



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Report:

Invitation/Brochure



Text

The special lecture was organized by the Research Centre of Physics on 13th February 2024 at Jubilee Hall. Dr. M. Jeyanthinath, Associate Professor, Department of Materials Science, School of Chemistry, Madurai Kamaraj University, Madurai was the Resource Person. The staff and students (UG, PG) of the Physics Department were the audience.

The speaker explained the energy harvesting technology, that converts solar energy into useful electricity through a process called the photovoltaic effect. Different types of PV cell, efficiency and its interesting applications were highlighted in the session. He focused on the PV system design and energy yield research which aims to understand how solar installations can be configured and operated to maximize energy generation. He also shared



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information about PV cell and module technology research which improve efficiency and reliability, lower manufacturing costs, and lower the cost of solar electricity.

On the whole, the lecture was highly informative and motivating. After the lecture there was active interaction between the PG students and the resource person.

In addition to this various competitions has been conducted for UG and PG students and the winners has been awarded with prizes and certificates.

The meeting concluded with the Vote of thanks by one of the office bearers of Physics Association.

Photos/Screen Shots (if online) with Captions



Speaker addressing the Students



Speaker distributing prizes



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List of Participants

Name list of Participants



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S. No.	Reg. No	Name (Full name with Initials)
II M. Sc. PHYSICS		
1.	2022MSCP 01	ANEE JOSEPHA D
2.	2022MSCP 02	APARNA K
3.	2022MSCP 03	AVILA FRANCINA D
4.	2022MSCP 04	BALAMEENA S
5.	2022MSCP 05	DHARSHINI J
6.	2022MSCP 06	DHIYASHREE M
7.	2022MSCP 08	ISHWARIYA RANI N S
8.	2022MSCP 10	JENO S
9.	2022MSCP 11	JESWIL S
10.	2022MSCP 12	JEYAMEENA P
11.	2022MSCP 13	JOSHINI H
12.	2022MSCP 14	LARA KUMARI S R
13.	2022MSCP 15	MANJUPARKAVI R
14.	2022MSCP 16	PADMHA PRIYA K S
15.	2022MSCP 17	PRIYADHARSHINI M
16.	2022MSCP 19	SABARNIKKA C
17.	2022MSCP 20	SALEITH EVANJALINE S
18.	2022MSCP 21	SARUMATHI S



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19.	2022MSCP 22	SHIVADHARINI M
20.	2022MSCP 23	SUBASHINI S
21.	2022MSCP 24	SUBASHINI V
22.	2022MSCP 25	SUSAN KEZIAH A
23.	2022MSCP 26	THIVYAVANI RM
24.	2022MSCP 27	YOGADHARSHINI M
I M. Sc. PHYSICS		
25.	2023MSCP01	ABARNA J
26.	2023MSCP02	ABISHA S
27.	2023MSCP03	AKSHA ZEN B
28.	2023MSCP04	ASHIKA SHEERIN D
29.	2023MSCP05	BHUVANESHWARI V
30.	2023MSCP06	FAZUL FATHIMA S
31.	2023MSCP07	GAYATHRI B
32.	2023MSCP08	JASMIN FATIMA G
33.	2023MSCP09	JEFFRINA J
34.	2023MSCP10	JEYASHREE B
35.	2023MSCP11	KIRUTHIKA A
36.	2023MSCP12	LAVANYA P
37.	2023MSCP13	LEKASRI J
38.	2023MSCP14	MATHUMITHA R
39.	2023MSCP15	PRIYADHARSHINI G
40.	2023MSCP16	RAGAPRIYA T



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41.	2023MSCP17	RITHIKA M
42.	2023MSCP18	SALETH NISHA L
43.	2023MSCP19	SALIMA SULTHANA M
44.	2023MSCP20	SWETHA M
45.	2023MSCP21	VISHNU VARDHINI J



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III B. Sc. PHYSICS		
46.	2021P01	AARTHI T
47.	2021P02	ABINAYA SRI U
48.	2021P03	ABIRAMI M
49.	2021P04	ANUJA S
50.	2021P06	BAVANI M S
51.	2021P07	CYNTHIAA L
52.	2021P08	DHANA SRI V
53.	2021P09	DHANANEE R
54.	2021P10	DHARSHINI V
55.	2021P11	ESAKKIYAMMAL K
56.	2021P12	JASMINE SAHAY OVIYA S
57.	2021P14	JERLIN E
58.	2021P15	JOYLIN DHARSHINI C
59.	2021P18	KAREN BEAULAH ROSE S
60.	2021P19	KARISHMA BHARGAVI R
61.	2021P20	KEERTHANA K
62.	2021P22	HARINI M
63.	2021P23	MAHALAKSHMI D
64.	2021P24	MARIA ROSELIN RANI B
65.	2021P25	MARIAM JAMILA S
66.	2021P26	MATHIYALINI V
67.	2021P27	MONICKA SELESTIN A
68.	2021P29	PRADEEPA S



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69.	2021P31	ROFFINA E
70.	2021P32	ROOPA ROSLIN S
71.	2021P33	SAHANA PARVIN M
72.	2021P34	SARU MATHI C
73.	2021P35	SHARINA JOE KATHRIN A
74.	2021P36	SOFIYA DEVI K
75.	2021P37	SREETHI JINANI RAJ M
76.	2021P38	SRI DEVI U
77.	2021P39	SWAATHY B
78.	2021P40	THAIS J
79.	2021P41	VEERA PANDEESWARI S
80.	2021P42	ABIRAMI P R
81.	2021P43	SOBHIYA ANBARASI K
82.	2021P44	SWATHI R
83.	2021P45	PADHUVA STERLIN T
84.	2021P46	ABOORVA LAKSHMI D
85.	2021P47	KAVIYA M
86.	2021P49	SHALINI B
II B. Sc. PHYSICS		
87.	2022P01	A CHRISTY LOUR JONA
88.	2022P02	ABINAYA M
89.	2022P03	AJITHA E
90.	2022P04	AKSHAYA PRABHA P
91.	2022P05	AMIRTHAVARSHINI A



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92.	2022P06	ANNIE JOSELIN J
93.	2022P08	DHANALAKSHMI M
94.	2022P09	DULAITTA MARY T
95.	2022P10	GILSY BENNITA J
96.	2022P11	HEMAMALINI M
97.	2022P12	JOTHIKA P
98.	2022P13	KARISHMA DEVI P
99.	2022P14	KAVIYADHARSHINI V
100.	2022P15	KAVYA V
101.	2022P16	KIRUTHIKA T
102.	2022P17	LOGESWARI S
103.	2022P18	MAHIMA PRASLEEN V
104.	2022P19	MERLIN S
105.	2022P20	MUHILA B
106.	2022P21	MURUGESHWARI P
107.	2022P22	MUTHU SANTHIYA M
108.	2022P23	NAMITHA M
109.	2022P24	PAGAMPRIYAL J
110.	2022P25	ROSELINE JABIYA J
111.	2022P26	SAMYUKTAA V
112.	2022P27	SANGEERTHANA M
113.	2022P28	SANTHIYA M
114.	2022P29	SHARMILA P
115.	2022P30	SHEFANA BANU K



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116.	2022P31	SHIVANI RAJASHREE N
117.	2022P32	SOUNDARYA P
118.	2022P33	SRI MEENAKSHI KS
119.	2022P35	SUBARNA S
120.	2022P36	THANGAM K
121.	2022P37	VARSHINI M
122.	2022P38	VISHAL SRI K
123.	2022P39	VISHNUPRIYA M
124.	2022P40	ABIRAMI R
125.	2022P41	DHANA LAKSHMI B
126.	2022P42	KANITHA K
127.	2022P43	KRISHNAVENI J
128.	2022P44	SADHANA S
129.	2022P45	JEYASHINICA K
130.	2022P46	ISHWARYA S.M

A. Sheela Vimala Rani

Signature of HOD

