



DEPARTMENT : MATHEMATICS

ACTIVITY : INDUSTRIAL VISIT

YEAR : 2023-2024

DEPARTMENT OF MATHEMATICS

DATE	TIME	VENUE	MODE
02.02.2024	10:30 a.m. to 04:30 p.m.	Kodaikanal Solar Observatory, Kodaikanal	Offline
Theme	Astrophysics		
Nature of the Activity	Field Visit		
Title	Journey to the Sun: Exploring Solar Phenomena at the Observatory.		
Convener	Dr.(Mrs.) P. Vidhya Head, Associate Professor of Mathematics EMGYWC		
Participants	Students - 45		

FIELD VISIT TO "SOLAR OBSERVATORY"

Objectives:

1. Provide students with first-hand knowledge of solar activities and astronomical phenomena through direct observation.
2. Familiarize students with instruments used in solar observations, such as telescopes and spectrographs.
3. Connect classroom concepts with real-world applications through direct experience and data analysis of solar activity.
4. Encourage curiosity in astronomy and related fields by engaging with experts and exploring career opportunities.

Programme Outcome:

The field visit to the Solar Observatory was immensely beneficial for both the students and the faculty of the Mathematics Department. Students had the opportunity to gain practical knowledge of solar observations and understand how mathematical concepts are applied in studying solar phenomena. This hands-on experience allowed them to see the relevance of mathematics in a real-world scientific setting, enhancing their learning and understanding of the subject.

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For the faculty, the visit provided valuable insights into the practical applications of mathematical models in solar research. It offered the chance to interact with observatory staff and gain a deeper understanding of current research and advancements in the field of solar observation and modelling. This first-hand exposure will enable the faculty to enhance their teaching methodologies and incorporate relevant real-world examples into their curriculum, thus enriching the learning experience for future students.

Photographs:



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**The Department of Mathematics organized a Field Visit to the
"Solar Observatory" at Kodaikanal - 02.02.2024**

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Enclosures:

a. Permission letter:

Permission Letter

From

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

To

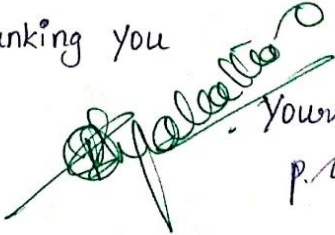
The Principal,
E.M.G. Yadava Women's College,
Madurai-14.

Respected Madam,

I wish to inform you that 45 students along with six faculties from the Department of Mathematics is going to participate in One Day Educational Tour to Kodaikanal on 02-02-2024. So I request you to kindly permit us to take part in that event.

With this, I enclose the students Name list.


Thanking you


Yours Sincerely
P.L.P.

01-02-2024
Madurai-14.

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b. Nominal Roll of Participants: Student participants of EMGYWC:

 E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI – 625 014. (An Autonomous Institution – Affiliated to Madurai Kamaraj University) Re-accredited (3 rd Cycle) with Grade A* and CGPA 3.51 by NAAC			
Field Visit to the "Solar Observatory" on 02.02.2024			
S.No.	REGISTER NUMBER	NAME	DEPARTMENT
1.	21MKA01	Abinaya K	Mathematics
2.	21MKA02	Abinaya.R	Mathematics
3.	21MKA03	Ajithra S	Mathematics
4.	21MKA08	Gowsalya R	Mathematics
5.	21MKA09	Hema O.S	Mathematics
6.	21MKA10	Jerina Banu M	Mathematics
7.	21MKA11	Jeya Lakshmi J	Mathematics
8.	21MKA15	Keerthana B	Mathematics
9.	21MKA16	Lavanya T	Mathematics
10.	21MKA17	Madhumitha S	Mathematics
11.	21MKA19	Mahalakshmi I	Mathematics
12.	21MKA24	Pavithra S	Mathematics
13.	21MKA25	Praveena R	Mathematics
14.	21MKA26	Preethi Saroo M	Mathematics
15.	21MKA28	Rajalakshmi P	Mathematics
16.	21MKA30	Rasika B	Mathematics
17.	21MKA32	Shanmugavalli K	Mathematics
18.	21MKA33	Shanthini G	Mathematics
19.	21MKA34	Shruthika Shree T	Mathematics
20.	21MKA35	Sneha S	Mathematics
21.	21MKA37	Sugantha S	Mathematics
22.	21MKA41	Vinothini V	Mathematics
23.	21MKA42	Vishnu Priya L	Mathematics
24.	21MPB01	Aartheeswari S	Mathematics
25.	21MPB02	Arivuselvi M	Mathematics
26.	21MPB04	Gayathri A	Mathematics
27.	21MPB05	Malaiyayee S	Mathematics
28.	21MPB06	Noorul Hajara N	Mathematics
29.	21MPB07	Pooja P	Mathematics
30.	21MPB08	Preethi S	Mathematics
31.	21MPB09	Srimathi R	Mathematics
32.	21MPB10	Subhalakshmi RA	Mathematics
33.	22MPB01	Angena M	Mathematics

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34.	22MPB03	Devadharshini D	Mathematics
35.	22MPB04	Divyadharshini R	Mathematics
36.	22MPB05	Hemalatha M	Mathematics
37.	22MPB07	Madhumitha V	Mathematics
38.	22MPB09	Showmiya V	Mathematics
39.	22PMA01	Gayathri M	Mathematics
40.	22PMA02	Geethanjali R	Mathematics
41.	22PMA03	Mona Vaishalini P	Mathematics
42.	22PMA04	Namitha K	Mathematics
43.	22PMA05	Nandini S	Mathematics
44.	22PMA07	Priyadharshini P	Mathematics
45.	22PMA08	Sathya M	Mathematics

2. Faculty Participants of EMGYWC:

Field Visit to the "Solar Observatory" on 02.02.2024		
S.No.	NAME	DESIGNATION WITH DEPARTMENT
1.	Dr.(Mrs.) P. Vidhya	Head & Associate Professor of Mathematics
2.	Dr.(Mrs.) R. Mangaiyarkarasi	Assistant Professor of Mathematics
3.	Mrs. S. Selvi	Assistant Professor of Mathematics
4.	Mrs. T. Thivya	Assistant Professor of Mathematics
5.	Ms. A. Manickavalli	Assistant Professor of Mathematics
6.	Mrs. N. Uma Maheswari	Assistant Professor of Mathematics

Coordinator:

1. P. Vidhya
2. R. Mangaiyarkarasi
3. S. Selvi
S. SELVI
4. T. THIVYA
T. THIVYA
5. N. UMA MAHESWARI
N. Uma Maheswari
6. A. MANICKAVALLI
A. Manickavalli

P. Vidhya
Head of the Department

P. Vidhya
PRINCIPAL I/C.
E.M.G. YADAVA WOMEN'S COLLEGE
MADURAI-625014

Certificate:



Educational Visit Certificate

This certificate is awarded to Prof/Dr/Mr/Mrs The HOD, Department of Mathematics
of E.M.G. Yadava Women's College, Madurai - 14 for visiting
the Kodaikanal Solar Observatory, Indian Institute of Astrophysics with 45 students and
06 faculty members.



02/02/2024
Date


Resident Scientist
Dr. M. Chrispin Karthick
* Scientist - C *
Public Outreach In-charge of
Kodaikanal Observatory & Museum,
Indian Institute of Astrophysics (IIA),
(An Autonomous Institution under Department
of Science & Technology, Govt. of India,
Kodaikanal - 624 002, Tamil Nadu)