E.M.GOPALAKRISHNAKONEYADAVAWOMEN'SCOLLEGE

DEPARTMENT : MATHAMETICS

ACTIVITY : INDUSTRIAL VISIT

YEAR : 2024-2025

DEPARTMENT OF MATHAMETICS

DATES	TIME	VENUE
04.02.2025 & 05.02.2025	10.30 a.m. to 04.30 p.m.	**ISRO, Thiruvandhapuram.**
Theme		Exploring the Evolution of Astrophysics Technology
Nature of the Activity		Industrial Visit
Title		Astrophysics
Collaborating Department		ISRO, Thiruvandhapuram.
Convener		**Dr. (Mrs) V.Pushpalatha** Principal i/c Head & Assistant Professor of Commerce EMGYWC
Coordinator		**Dr.(Mrs.) P.Vidhya** Head & Associate Professor of Mathematics EMGYWC
Participants		**Faculty - 6** **Students - 80**

INDUSTRIAL VISIT ON ASTROPHYSICS RESEARCH ORGANIZATION

Objectives:

1. To organize an industrial visit to ISRO, Thiruvananthapuram for UG and PG students of the Department of Mathematics.
2. To enrich students' knowledge by providing first-hand exposure to India's space research and technological advancements.
3. To help students understand the practical applications of mathematics in satellite technology, rocket design, and space missions.

4. To familiarize students with the models of Chandrayaan-1, Mangalyaan, and Aryabhata satellite.
5. To enable students to observe the processes involved in the designing, manufacturing, and launching of PSLV and GSLV rockets through introductory demonstrations.

Programme Outcomes:

The industrial visit to ISRO, Thiruvananthapuram provided UG and PG students of the Department of Mathematics with valuable practical exposure to India's space research and technological achievements. Students gained a clear understanding of the application of mathematical concepts in satellite technology, rocket design, and space missions. Observing the models of Chandrayaan-1, Mangalyaan, and the Aryabhata satellite, along with the introductory demonstrations of the PSLV and GSLV designing and launching processes, effectively bridged the gap between theoretical knowledge and real-world applications. Overall, the visit enriched students' academic experience, enhanced their scientific curiosity, and motivated them to pursue higher studies, research, and careers in space science and engineering.

Photograph:

The Department of Mathematics organized an Industrial Visit to ISRO, Thiruvandhapuram from 04.02.2025 & 05.02.2025.

Enclosures:

a. Permission Letter:

From
Dr.P.Vidhya
Head & Associate Professor
EMG Yadava Women's College
Madurai

To
The Principal
EMG Yadava Women's College
Madurai

Subject: Request for Permission to Organize Educational Tour to ISRO, Kerala

Respected Madam,

We kindly seek your permission to organize an educational tour to the ISRO facility in Kerala on **4th and 5th February 2025** for our students. The visit aims to enhance their understanding of space science, satellite technology, and India's achievements in space exploration.

A group of approximately 55 students and 6 faculty members will participate in the tour. We assure you that all safety and discipline measures will be strictly followed.

We kindly request your approval for this tour to provide our students with a valuable and inspiring learning experience.

Your's faithfully,

b. Nominal Roll of Participants:

1. Student participants of EMGYWC:

Industrial Visit to ISRO, Thiruvandhapuram 04.02.2025 & 05.02.2025		
S.No.	**REGISTER NUMBER**	**NAME**
1.	24MKA02	Z. Amrina Banu
2.	24MKA04	K. Archana Devi

3.	24MKA05	M. Aruna
4.	24MKA07	A. Harini Sri
5.	24MKA08	R. Harinisri
6.	24MKA09	N. Janani Sri
7.	24MKA10	M.Jeya Sri
8.	24MKA11	K.Krishtha
9.	24MKA12	K. Lohitha
10.	24MKA13	R. Rishma Shri
11.	24MKA14	H. Sameera
12.	24MKA15	R. Saru Dharshina
13.	24MKA16	K. Selva Ramya
14.	24MKA17	A. Solaiyammal
15.	24MKA18	M. Supriya
16.	24MKA19	C. Susmitha
17.	24MKA21	K. Umamaheswari
18.	24MKA22	M. Yazhini
19.	23MKA01	M.Aarthi
20.	23MKA02	S.Abinaya Sri
21.	23MKA03	A.Anis Fathima
22.	23MKA04	M.Anis Fathima
23.	23MKA05	M.Archana
24.	23MKA06	P.Devadharshini
25.	23MKA07	R.Dharshini
26.	23MKA08	M.Gobika Sri
27.	23MKA09	S.Kaviya
28.	23MKA10	K.Krithika
29.	23MKA11	A.Lavanya
30.	23MKA12	R.Mahalakshimi
31.	23MKA13	A.Manonmani
32.	23MKA14	S.Manonmani

33.	23MKA15	A.Meenakshi
34.	23MKA16	M.Narmatha
35.	23MKA17	P.Niranjana
36.	23MKA18	R.Nithya Bala
37.	23MKA19	A.Pavithra
38.	23MKA20	S.Rajalakshmi
39.	23MKA22	S.Santhiya
40.	23MKA23	R.Shanmuga Priya
41.	23MKA24	P.Vidhya Shree
42.	23MPB01	E.Barakath Nisha
43.	23MPB05	K.Manisha
44.	23MPB06	S.Parkavi
45.	23MPB07	M.Sandhiya
46.	23MPB08	M.Sribhavani
47.	23MPB09	N.Swathi
48.	23MPB11	M.Vinitha
49.	22MKA01	P.Aarthi
50.	22MKA02	A.Abinaya
51.	22MKA04	M.Divya
52.	22MKA05	R.Harshini Pandi
53.	22MKA06	R.Jeya Lakshmi
54.	22MKA08	M.Kokila
55.	22MKA09	C.Manoranjitham
56.	22MKA10	Mathavi
57.	22MKA12	P.Neeraja
58.	22MKA15	Ramayee
59.	22MKA16	K.Ratchaka
60.	22MKA17	S.Reehana
61.	22MKA18	S.Ruthreswari
62.	22MKA19	B.Sangeetha

63.	22MKA20	A.Saranyadevi
64.	22MKA21	R.Sasikala
65.	22MKA22	P.Vanmathi
66.	22MPB01	M.Angena
67.	22MPB03	D.Deva Dharshini
68.	22MPB05	M.Hema Latha
69.	22MPB07	V.Madhumitha
70.	22MPB08	N.Nagadevi
71.	22MPB09	V.Showmiya
72.	22MPB10	G.Tamilarasi
73.	24PMA01	S.A.Amirtha Kanmani
74.	24PMA02	R. Pavithra
75.	24PMA03	U. Reshma
76.	23PMA01	N.Bagavathy Sre
77.	23PMA02	S.Kalpana.S
78.	23PMA03	T.Leela Devi
79.	23PMA04	D.Sivashankari
80.	23PMA05	S.Vengada Keerthana

2. Staff Participants of EMGYWC:

Industrial Visit to ISRO, Thiruvandhapuram 04.02.2025 & 05.02.2025		
S.No.	**NAME**	**DESIGNATION WITH DEPARTMENT**
1.	Dr.(Mrs.) P. Vidhya	Head & Associate Professor of Mathematics
2.	Mrs.A.Manimegalai	Assistant Professor of Mathematics
3.	Dr.(Mrs.) G.Alarmelumangai	Assistant Professor of Mathematics
4.	Mrs. S. Selvi	Assistant Professor of Mathematics
5.	Mrs. T. Thivya	Assistant Professor of Mathematics
6.	Mrs. N. Uma Maheswari	Assistant Professor of Mathematics