



**MARKAZ ARTS AND SCIENCE COLLEGE**  
(Affiliated to the University of Calicut, Approved by  
AICTE and Accredited with NAAC Grade 'A')  
Markazu Tharbiyyathil Islamiyyah, Athavanad, Near Valanchery  
P.O. KARTHALA, ATHAVANAD, PIN:679571, MALAPPURAM DT., KERALA  
Ph: 9633 310 635, 8590 658 550 | [markazcollege@gmail.com](mailto:markazcollege@gmail.com) | [www.markazcollege.ac.in](http://www.markazcollege.ac.in)

## DEPARTMENT OF CHEMISTRY

# ANNUAL REPORT



**2024 - 2025**



**MARKAZ ARTS AND SCIENCE COLLEGE**  
(Affiliated to the University of Calicut, Approved by  
AICTE and Accredited with NAAC Grade 'A')  
Markazu Tharbiyyathil Islamiyyah, Athavanad, Near Valanchery  
P.O. KARTHALA, ATHAVANAD, PIN:679571, MALAPPURAM DT., KERALA  
Ph: 9633 310 635, 8590 658 550 | markazcollege@gmail.com | www.markazcollege.ac.in

## ANNUAL REPORT 2024 – 2025

The College was reopened on 03/06/2024. The Department has 7 faculty members. There are 29 students in UG in which 6 boys and 23 girls, in PG 37 students in which 6 boys and 31 girls. Hence total of 66 students in the department, during the academic year 2024- 2025. Percentage of Result in the academic year is UG -54.5% and PG – 90.5%.

### Participation in Seminar and Workshop

Mr. Abdul Salam Mattath completed NEP 2020 Orientation & Sensitization Programme (MMC-049-2024-NOV-B-01610) under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organised by UGC - Malaviya Mission Teacher Training Centre (MMTTC), University of Calicut from 18-11-2024 to 27-11-2024.



Mr. Abdul Salam Mattath participated in the SERB sponsored workshop On “Innovations in Nan composites: Self Powered Devices for Health care and Energy sectors” organized by Department of Chemistry, National Institute of Technology Calicut during 10 – 11 March 2025.



The department of Chemistry conducted various programmes in this academic year and the detailed report is given below.

### **World Water Day – Seminar and Quiz Competition:**

PG Department of Chemistry, Markaz Arts and Science college, Athavanad conducted a seminar and quiz competition as a part of world water day on 22<sup>nd</sup> march 2025 at 11 am. The programme was conducted in collaboration with Kerala water authority, Malappuram and in association with IQAC of the college. About 60 students including students from chemistry department as well as NSS students participated in the programme. The programme was started with a welcome

speech by Mr.Abdul Salam Mattath, HoD, Department of Chemistry. Dr.C.P. Mohamed Kutty chaired over the function. Inauguration of the programme was done by Mr.Ashraf Ambhalathingal, chairman, Valanchery municipality. Mr. Manaswi C M working as assistant executive engineer in the PH subdivision, Tirur was the resource person for the programme. Felicitation for the programme was done by Kuttippuram block panchayath member Mr. K.T Asad Ali and office superintendent of the college Mr. K.M.Abdul Gafoor .



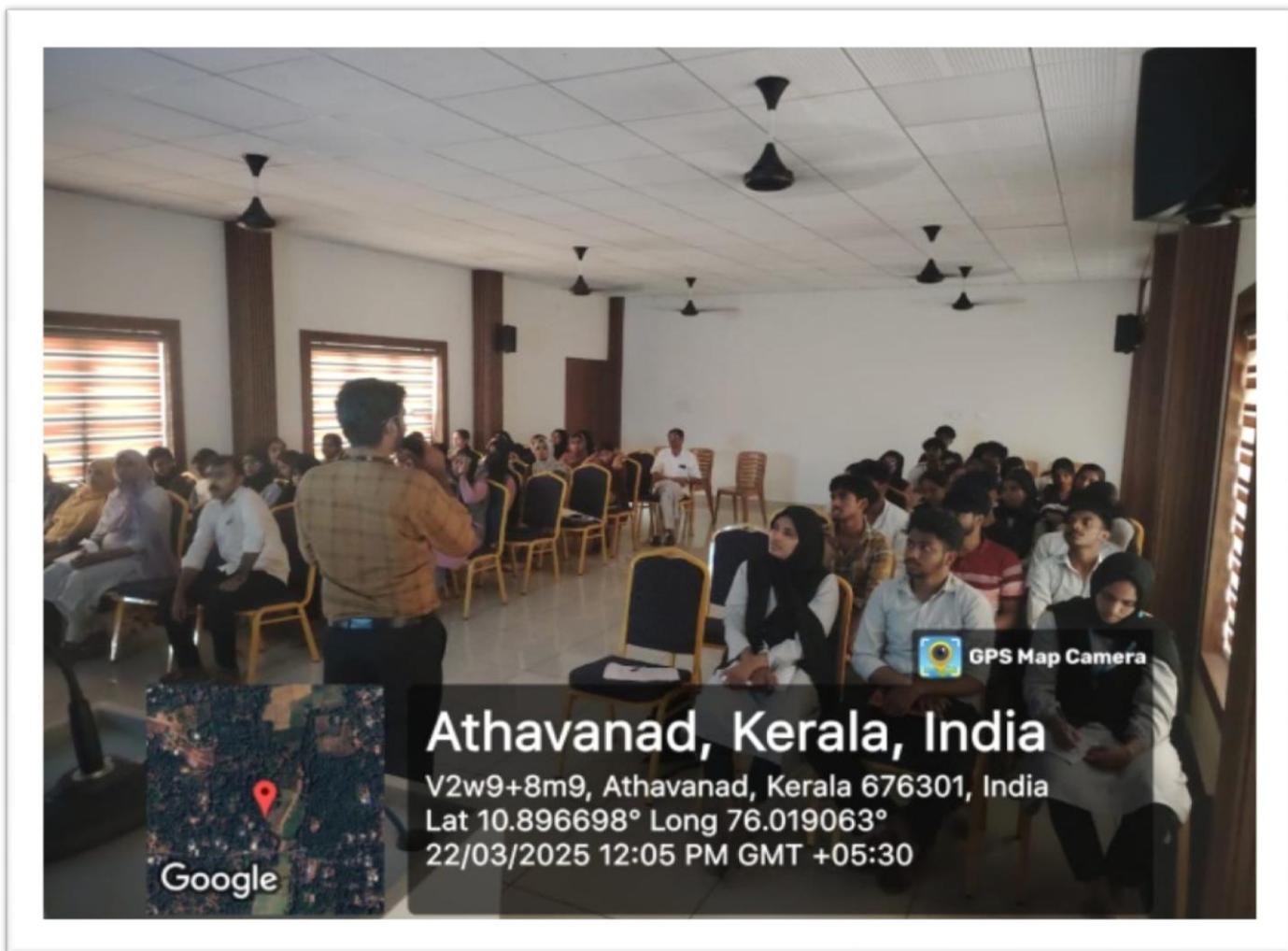
**Ashraf Ambalathingal Inaugurating the Programme**



**Mr. Manaswi CM , Presenting the topic**



**Presidential Address by Principal and Felicitation by Office Superintendent**



**Participants of the Seminar**

Mr. Manaswi CM presented the importance of water, how it get polluted, how the pollution can be rectified in a simple and interesting way. After the session they conducted the quiz competition. Two other staff members from kerala water authority, Malappuram were also present. Faculties of Markaz Arts and Science College also engaged in the execution of the programme. Almost all the students actively participated in the quiz competition. It was conducted in two rounds. Top 10 students were selected to round 2. Fairooza Parvin P V from Second Semester MSc Chemistry got first prize. Sofna Sherin C K from the same class won the second prize and Adarsh K from fourth semester BBA came to the third position.



**Fairooza Parvin receiving the prize**



**Sofna Sherin and Adarsh receiving prizes**

The programme was ended with a vote of thanks by Mr. Mohamed Hasim M, Assistant professor, Department of Chemistry . Overall the programme was fruitful. Students were made aware of the importance of conserving water.

## Celebration of World Environment Day

In connection with world Environment day the Department of Chemistry conducted a programme on 05/06/2024. Tree plantation done by teachers and students in the campus. An awareness class was given to the students based on the theme “Land Restoration, Desertification and Drought Resilience”.





Students and Teachers of Chemistry planting the trees



 **GPS Map Camera**

Markaz Arts and Science College, V2MR+Q39, Athavanad, Kerala 679571, India, India

**ENVIRONMENTAL DAY**

Lat 10.884319°

Long 76.040299°

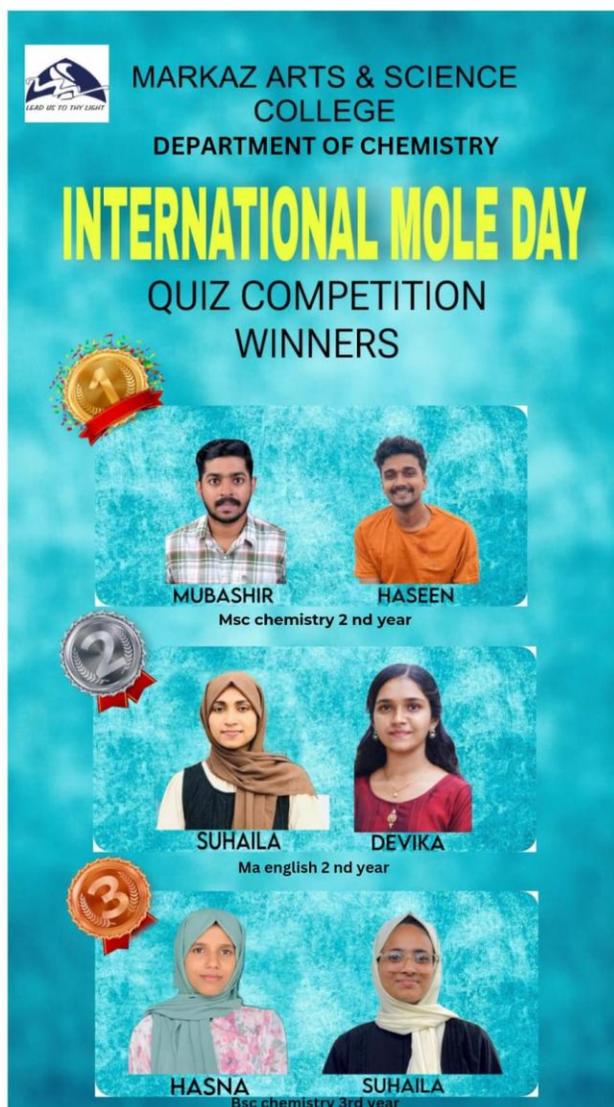
05/06/24 02:53 PM GMT +05:30



Google

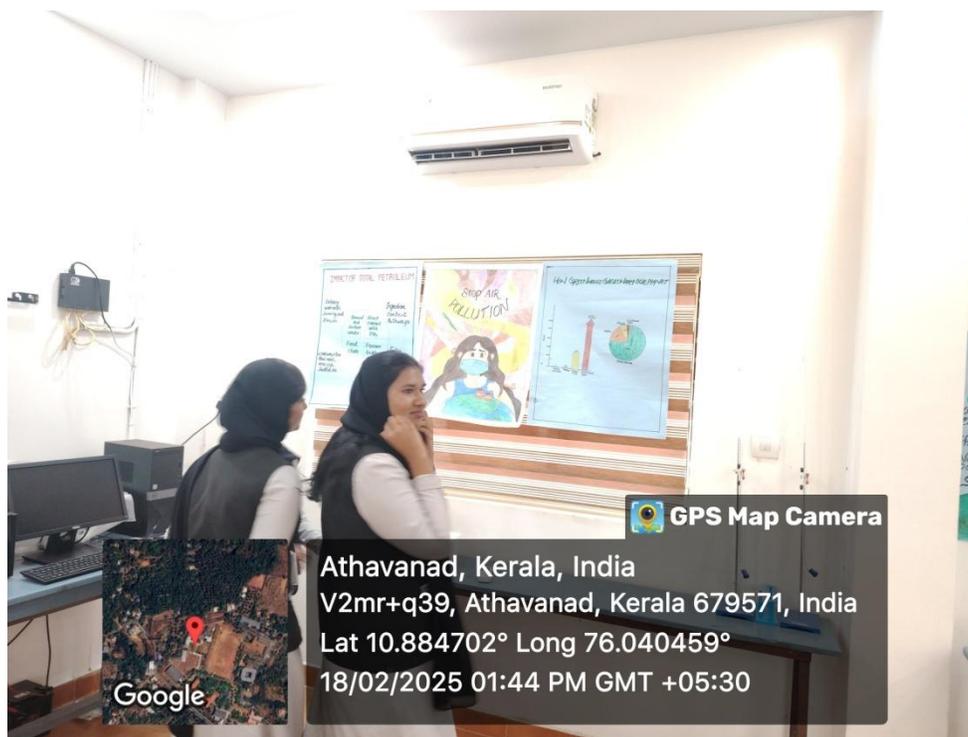
## Celebration of International Mole Day

In connection with International Mole day department of chemistry conducted a college level quiz competition on 23/10/2024 at Seminar Hall. Mr. Mohamed Hasim, Asst. Professor was the coordinator. Students from various departments participated in the competition.



## Exhibition on Energy Conservation

Department of Chemistry, Markaz arts and Science College, Athavanad conducted an Exhibition on awareness of energy conservation in collaboration with Energy and Environmental Conservation Club of the College on 18/02/2024. Students and Parents participated in the programme.



## Institutional Visit

### CWRDM, CALICUT

First and second year PG students of Markaz Arts and Science college visited CWRDM, Calicut on 25<sup>th</sup> January 2025. Faculties Mohamed Hasim M and Asha P accompanied them. They reached the centre at 10 AM. A total of 37 students were there for the visit. They visited various labs in the centre. The faculties explained in details and they also shown a presentation for our students. The IV was over by 12:30. It was an informative session.





**Students at CWRDM Calicut**

## **CFSC MANJERI**

Department of Chemistry ,Markaz Arts and Science College, Athavanad conducted a one day industrial visit to CFSC, Manjeri on 22 January 2025. 11 students from third year chemistry were there for the visit. Mrs. Mubarak Raihana ,

Assistant professor, Department of chemistry accompanied the students. They reached the destination at 10 am. Director and staff of the institution cordially welcomed them and directed to the seminar hall. Assistant Director Shri. Shyam of the institution gave a brief account of the role of CFSC and about the different industrial units around. There they had a detailed class on dry & latex rubber product processing by Mr.Rishan Muhammad. Scientific officer escorted them to the testing laboratories and explained the functioning of the various machines.



They could see Din abrader,hydraulic press, calendaring and moulding units etc. This visit helped the students to understand real-world industrial practices, learn about career opportunities, and gain practical exposure to rubber processing and quality control techniques. It was an informative and valuable experience, bridging the gap between theory and practice.

#### **DEPARTMENT OF CHEMICAL OCEANOGRAPHY, CUSAT**

On 25<sup>th</sup> February 2025 , Department of chemistry, Markaz Arts and science college, Athavanad conducted an industrial visit to CUSAT. 13 students from second year BSc.Chemistry participated in the visit. Faculty Aswathy K P accompanied them. We reached there at 10 am .At first there was a class related to various spectroscopic techniques by Dr. Habeeb Rahman K , Assistant Professor and Head, Department of chemical oceanography, CUSAT . Then we were directed towards various labs by the technical assistant Sreelakshmi. Various instruments like GC, FTIR, LCMS, GCMS, UV-VIS spectroscopy etc were presented to the students. The IV was completed by 12:30 PM. It was beneficial for the students.





GPS Map Camera

Kochi, Kerala, India  
X77m+w3p, Pallimukku, Kochi, Kerala 682016, India  
Lat 9.964917° Long 76.282784°  
25/02/2025 11:07 AM GMT +05:30

Google



GPS Map Camera

Kochi, Kerala, India  
X77m+w22, Foreshore Rd, Pallimukku, Kochi, Kerala  
682016, India  
Lat 9.964717° Long 76.28253°  
25/02/2025 11:20 AM GMT +05:30

Google

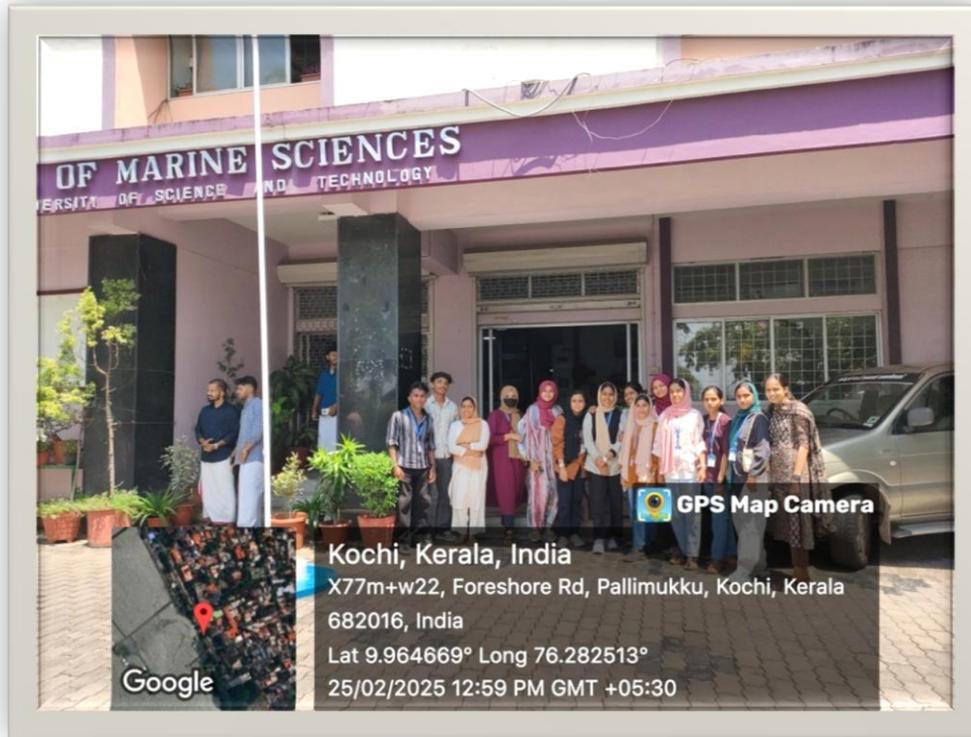


GPS Map Camera

Kochi, Kerala, India  
X77m+w22, Foreshore Rd, Pallimukku, Kochi, Kerala  
682016, India  
Lat 9.964719° Long 76.282543°  
25/02/2025 11:14 AM GMT +05:30

Google





**Students Visiting School of Marine Sciences, CUSAT**

## **Students Participation in Programmes**

### **Murshid Memorial Excellency Award**

Excellence award is given each year as a part of our best practices. It is originally known as Murshid Memorial Excellence Award. This award is given in the Memory of Muhammed Murshid U. V. This award is given to our college student who shows his/her excellence in different fields. The students are selected based on their leadership quality, Management skill, Decision making capacity, Knowledge on different subjects etc. Almost half of the total students is participating in the first round. The selection is made through a series of stages including group discussion and interview. The title winner is given cash prize and certificate.

11 Students from Chemistry selected for Second Phase and three of them come in the first five positions. Mohamed Haseen KP has achieved the Second position in the Murshid Memorial Excellence Endowment Award 2024-25.



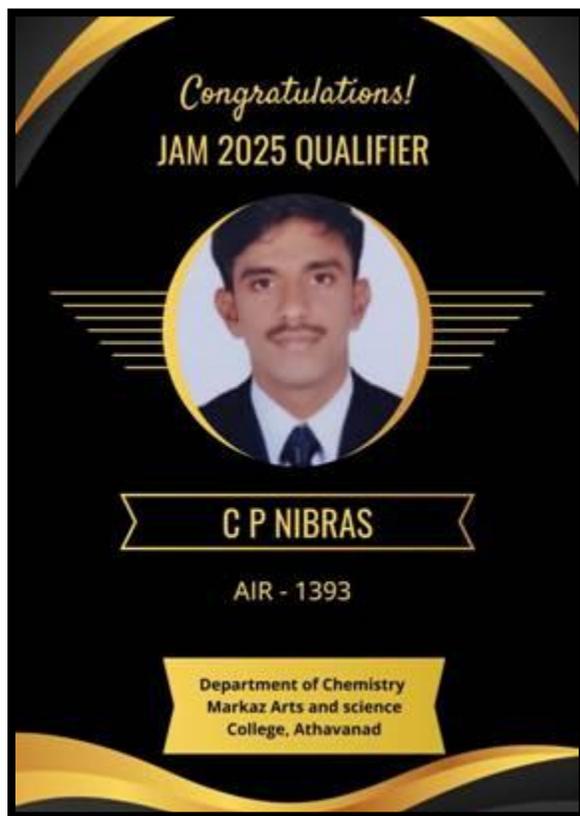
Mohamed Haseen KP of Second year MSc Chemistry has participated in the Athira Radhakrishnan Memorial Intercollegiate Elocution Competition 2025 Conducted by MES Keeveeyam College Valanchery.





## Student Achievement

CP Nibras of third year BSc Chemistry has qualified JAM 2025 with AIR 1393.



## Participation in Extra Curricular Activities

Students of Chemistry Department actively participated in the Fine Arts Activities. Twenty Seven Students has achieved in the first three positions of various items in the 'Chuvad'- Fine Arts Fest conducted by Markaz Arts and Science College Athavanad. Some of them participated in the C-Zone Arts Fest.



## Department PTA

One Department PTA meeting for third semester UG, second semester UG, and first semester UG were conducted.

Concluding this report, I express my heartfelt gratitude to the management, principal and all members of teaching and non teaching staff, parents and students of chemistry department for active cooperation and assistance. Thank you

Abdul Salam Mattath



**2024 - 2025**