

**Activity Report: Academic Year 2023- 24****Activity Name:**  
**World Environment Day Observance****Department /Committee / Club : Chemistry**

| Name of the Co-Ordinator             | Venue                                                                    | Day & Date                                                                                                                                                | Time    |
|--------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Dr.Sneha Jose E                      | Department of Chemistry                                                  | Monday, 05/06/2023                                                                                                                                        | 9.30 am |
| Number of Participants: 30           | Nature: Outdoor/<br>Indoor/ Online                                       | Type Of Activity: Academic/ Extension/<br>Student Progression/ Student Support/<br>Environment/ Gender/ Days/ Enrichment/<br>Other (Specify): Environment |         |
| Scheduled/ Unscheduled:<br>Scheduled | Funding Source: Self/ Sponsored /NGO /Industry/ Exchanges/Other:<br>Self |                                                                                                                                                           |         |
| Amount: 1000                         | Chief Guest: Dr. Sunil Jacob, Principal, Catholicate College             |                                                                                                                                                           |         |

**BRIEF INFORMATION ABOUT THE ACTIVITY**

|                                |                                                                                                     |
|--------------------------------|-----------------------------------------------------------------------------------------------------|
| Topic/ Subject of the Activity | Topic: Save the Planet, Respect the Environment                                                     |
| Objectives                     | The day aims to engage young people and communities in environmental activities                     |
| Methodology                    | Plant trees around the department                                                                   |
| Outcomes                       | Encourage students and teachers to take action and adopt sustainable practices in their daily lives |

**PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):**

|                   |                        |                  |                    |               |
|-------------------|------------------------|------------------|--------------------|---------------|
| Notice & Letters✓ | List of Participants✓  | Activity Report✓ | Geo Tagged Photos✓ | Feedback Form |
| Feedback Analysis | News Clip with details | Certificate      | Any Other          |               |

|                                  |                           |                                              |
|----------------------------------|---------------------------|----------------------------------------------|
| IQAC Document No: 01/CHE/2023-24 | Criterion No:1            | NAAC Metric No:                              |
| Departmental File No: CCP/CHE/01 | IQAC File No: CCP/IQAC/21 | International/National/Regional:<br>Regional |

|                                       |                                                        |                                     |
|---------------------------------------|--------------------------------------------------------|-------------------------------------|
| Name of Teacher & Signature with Date | Name of Head/ Committee Incharge & Signature with Date | IQAC Coordinator (Seal & Signature) |
| Dr.Sneha Jose E                       |                                                        |                                     |



POST GRADUATE DEPARTMENT OF CHEMISTRY  
CATHOLICATE COLLEGE, PATHANAMTHITTA



*Dr. Sunil Jacob*  
Principal

*Prof. Renny P Varghese*  
Bursar

*Dr. Saino Hanna Varghese*  
HoD

*Dr. Sneha Jose E*  
Coordinator



World Environment Day Observance  
5th June 2023, 10:30am, at Dalton's Square

| NAME                          | DEPARTMENT | SIGN |
|-------------------------------|------------|------|
| 1. Dr. Sunil Jacob            | Principal  |      |
| 2. Dr. Sainathann Varghese    | HOD        |      |
| 3. Sumithra Tom               | Chemistry  |      |
| 4. Dr. Aswathy Joseph         | Chemistry  |      |
| 5. Jine. Piy                  | Chemistry  |      |
| 6. Pannay Susan Keshy         | Chemistry  |      |
| 7. Dr. Binod K.K              | Chemistry  |      |
| 8. Rejith VR                  | B.A        |      |
| 9. Deepthy Rajesh             | B.A        |      |
| 10. Thomas Abraham            | Chemistry  |      |
| 11. Dr. Jancy Mary Mathew     | "          |      |
| 12. Dr. Preethi Soosan Thomas | "          |      |
| 13. Dr. Nissy Ann Harsoy      | "          |      |
| 14. Navaneeth R               | "          |      |
| 15. Maneesha Mohanan          | "          |      |
| 16. Gokul Mohan               | "          |      |
| 17. Ansal S                   | "          |      |
| 18. Paanav P                  | "          |      |
| 19. Neha Aycoob               | "          |      |
| 20. Jithin Joshua             | "          |      |
| 21. Sibana CA                 | "          |      |
| 22. Gayathri Suresh           | "          |      |
| 23. Meslin Roy                | "          |      |
| 24. Joanna Sarah Johnson      | "          |      |
| 25. Aayla Vilecan             | "          |      |
| 26. Shani C staji             | "          |      |



**World Environment Day Observance Date:05/06/2023, Monday**

**Venue: Department of Chemistry**

**Environment day is celebrated worldwide on 5<sup>th</sup> June to create awareness among people about protecting the environment. Post graduate and Research department of chemistry observed World Environment Day on 5<sup>th</sup> June 2023, at department of chemistry. Dr. Saino Hanna Varghese, HOD welcomed everyone to the function. Dr. Sunil Jacob, Principal, Catholicate college inaugurated the function by planting a tree in front of the department. IIIrd year B.Sc. Chemistry students along with other teaching and nonteaching staff of the department planted many trees and plants in front of the department. Dr.Sneha Jose E, coordinator of the program gave vote of thanks.**



## CATHOLICATE COLLEGE PATHANAMTHITTA





**Activity name:**  
**Chemistry lecture series-phase II**

**Department: chemistry**

|                                                      |                                                                                 |                                                                                                                                                       |                         |
|------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| <b>Name of the co-ordinator:</b><br>Dr. Sneha Jose E | <b>Venue:</b><br>Mar Clemis hall                                                | <b>Day &amp; date:</b><br>Wednesday, 22-22-2023                                                                                                       | <b>Time</b><br>10:30 am |
| <b>Number of participants: 90</b>                    | <b>Nature: Indoor, offline</b>                                                  | <b>Type of activity: academic/ extension/ studenyt progression/ student support/ environment/ gender/ days/ enrichment/ other (specify): Academic</b> |                         |
| <b>Scheduled/ unscheduled: scheduled</b>             | <b>Funding source: self/ sponsored /ngo /industry/ exchanges/others .- self</b> |                                                                                                                                                       |                         |
| <b>Amount: 5000 rupees</b>                           | <b>Chief guest: Dr. Swaroop Sasidharan Pillai</b>                               |                                                                                                                                                       |                         |

**Brief information about the activity**

|                                       |                                                                                                                                                                                                                                 |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Topic/ subject of the activity</b> | <b>Basics and applications of spectroscopy: quantitative raman spectroscopy for hydrothermal applications</b>                                                                                                                   |
| <b>Objectives</b>                     | <ul style="list-style-type: none"> <li>To understand the basics and various applications of raman spectroscopy</li> <li>To arouse interest in students about scope of research in different spectroscopic techniques</li> </ul> |
| <b>Methodology</b>                    | <ul style="list-style-type: none"> <li>Lecture followed by interactive session</li> </ul>                                                                                                                                       |
| <b>Outcomes</b>                       | <ul style="list-style-type: none"> <li>Understand basic and theoretical aspects of various branches of spectroscopy</li> </ul>                                                                                                  |

**Proofs & documents attached (tick mark the proofs attached):**

|                               |                                        |                          |                            |                      |
|-------------------------------|----------------------------------------|--------------------------|----------------------------|----------------------|
| <b>Notice &amp; letters</b> ✓ | <b>Student list of participation</b> ✓ | <b>Activity report</b> ✓ | <b>Geo tagged Photos</b> ✓ | <b>Feedback form</b> |
| <b>Feedback analysis</b>      | <b>News clip with details</b>          | <b>Certificate</b>       | <b>Any other</b>           |                      |

|                                              |                                     |                                                     |
|----------------------------------------------|-------------------------------------|-----------------------------------------------------|
| <b>IQAC document no:</b><br>06/ CHE /2023-24 | <b>Criterion no:</b> 3              | <b>Naac metric no:</b>                              |
| <b>Departmental file no:</b> CCP/CHE/06      | <b>IQAC file no:</b><br>CCP/IQAC/21 | <b>International/national/regional:</b><br>regional |

|                                                  |                                                                   |                                                |
|--------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|
| <b>Name of teacher &amp; signature with date</b> | <b>Name of head/ committee Incharge &amp; signature with date</b> | <b>IQAC coordinator (seal &amp; signature)</b> |
| Dr. Sneha Jose E                                 |                                                                   |                                                |



**CATHOLICATE COLLEGE PATHANAMTHITTA**  
**POST GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY**



**IN ASSOCIATION WITH IQAC**

**ORGANISES**

**CHEMISTRY LECTURE SERIES**  
**- PHASE II**

Date: 22<sup>nd</sup> November 2023, 10.30 am

Venue: Mar Clemis Hall

Resource Person:



Dr. Swaroop Sasidharan Pillai,  
Senior Research Associate,  
University of GUELPH, Canada

*Topic*  
*Basics and applications of Spectroscopy*  
*Quantitative Raman Spectroscopy for*  
*Hydrothermal Applications*

Dr. Sindhu Jones  
Principal

Dr. Binoy T Thomas  
Bursar & IQAC Coordinator

Dr. Saino Hanna Varghese  
HOD

Dr. Sneha Jose E  
Coordinator



# CHEMISTRY LECTURE SERIES - PHASE II

85

Date: 22<sup>nd</sup> November 2023

Time: 10.30 AM

Venue: Max Clemis Hall

Resource Person : 1) Dr. Swarnop Sankidharan Pillai  
Senior Research Associate  
University of Guelph, Canada.

2) Dr. Sindu Jones, Principal  
Catholicate College

1. Prof. Dr. Sunil Jacob
2. Dr. Saino Hanna Varghese.
3. Dr. Porathi Seson Thomas
4. Dr. Jancy Mary Mathew
5. Dr. Binoy K.K
6. Ms. Poojy Susan Koshy
7. Dr. Jiju P.V
8. Ms. Sumitha Tom
9. Dr. Niesy Ann Harry
10. Dr. Aswathy Joseph
11. Dr. Sruha Jose E
12. Dr. Thomas Abraham

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*



# CATHOLICATE COLLEGE PATHANAMTHITTA

|    | Name                     | class    | Signature   |
|----|--------------------------|----------|-------------|
| 1  | Jeyo Thomas              | B-C.A D1 | [Signature] |
| 2  | Kiran Alex               | BCA D1   | [Signature] |
| 3  | Abel Nozhen              | BCA D1   | [Signature] |
| 4  | Milan John Biju          | BCA D1   | [Signature] |
| 5  | Harisankar               | BCA D1   | [Signature] |
| 6  | Alan B Mathew            | BCA D1   | [Signature] |
| 7  | Joyce Joshua             | BCA D1   | [Signature] |
| 8  | Abhinav. B Nair          | BCA D1   | [Signature] |
| 9  | Soonya Narayanan         | BCA D1   | [Signature] |
| 10 | Amadev M. Nair           | BCA D1   | [Signature] |
| 11 | Rithu S                  | BCA D1   | [Signature] |
| 12 | Nobin Mathew             | BCA D1   | [Signature] |
| 13 | Bijith Joseph            | BCA D1   | [Signature] |
| 14 | Jerome S. Joseph         | BCA D1   | [Signature] |
| 15 | Jethley. K. Mathew       | BCA D1   | [Signature] |
| 16 | Abhijith. S. Kumar       | BCA D1   | [Signature] |
| 17 | SDEEAS skumar            | BCA D1   | [Signature] |
| 18 | Lijin Thomas             | BCA D1   | [Signature] |
| 19 | ABHISHEK. S.B            | BCA D1   | [Signature] |
| 20 | Navaneeth S              | BCA D1   | [Signature] |
| 21 | Cherian. K Thomas        | BCA D1   | [Signature] |
| 22 | Ansa Syman               | BCA D1   | [Signature] |
| 23 | Amlina. Bera             | BCA D1   | [Signature] |
| 24 | Anushree. A. Nair        | BCA D1   | [Signature] |
| 25 | Sreelakshmi Jayachandran | BCA D1   | [Signature] |
| 26 | Niranjana. S. Pradeep    | BCA D1   | [Signature] |
| 27 | Ashmi Mahan              | BCA D1   | [Signature] |
| 28 | Lekshmi Nanda            | BCA D1   | [Signature] |
| 29 | Aswathi P                | PC S1    | [Signature] |
| 30 | Meenakshi H              | AC S1    | [Signature] |
| 31 | Christy Raju             | PC S1    | [Signature] |
| 32 | Lijo Joseph              | PC S1    | [Signature] |
| 33 | Nydhana Nigga            | AC S1    | [Signature] |
| 34 | Alfiza K.                | PC S1    | [Signature] |



|    |                       | 87                 |           |
|----|-----------------------|--------------------|-----------|
|    | Name                  | class              | Signature |
| 35 | AKHIL MON.S           |                    |           |
| 36 | Anandhu Prasad.P      | AC S <sub>1</sub>  |           |
| 37 | Abhiram P.V           | PC S <sub>1</sub>  |           |
| 38 | Fathim.P              | AC S <sub>2</sub>  |           |
| 39 | Sandhya Chandan       | PC S <sub>2</sub>  |           |
| 40 | Emy Thankam Abraham   | PC S <sub>2</sub>  |           |
| 41 | Fathima.Mun           | AC S <sub>2</sub>  |           |
| 42 | Shruthi Suresh        | PC S <sub>2</sub>  |           |
| 43 | Asif Ashraf A         | PC S <sub>2</sub>  |           |
| 44 | Sangay S.             | PC S <sub>2</sub>  |           |
| 45 | Jibin Joseph          | PC S <sub>2</sub>  |           |
| 46 | BALU MAHENDRA         | AC S <sub>1</sub>  |           |
| 47 | Akhilwul A.           | PC S <sub>1</sub>  |           |
| 48 | Alhira Mohan          | PC S <sub>1</sub>  |           |
| 49 | Gopika Gopakumar      | PC S <sub>1</sub>  |           |
| 50 | Riya Poo Roy          | PC S <sub>1</sub>  |           |
| 51 | Rasama.S.Bhaskar      | AC S <sub>1</sub>  |           |
| 52 | ASWANI.S NAIR         | AC S <sub>1</sub>  |           |
| 53 | Gauripriya P          | AC S <sub>1</sub>  |           |
| 54 | Celin C Anyman        | BIA D <sub>1</sub> |           |
| 55 | Aswin.A.Senar         | BIA D <sub>1</sub> |           |
| 57 | Riya John Sel         | BIA D <sub>1</sub> |           |
| 58 | Kevin.K.Segoni        | AS S <sub>1</sub>  |           |
| 59 | Adarsh Mathan         | AC S <sub>1</sub>  |           |
| 60 | Anusha Sabu           | BIA D <sub>1</sub> |           |
| 61 | Anya A                | PC S <sub>2</sub>  |           |
| 62 | Gowthamodha Jayakumar | AC S <sub>2</sub>  |           |
| 63 | Sharon.J kunnath      | AC S <sub>2</sub>  |           |
| 64 | Ganukrishna R         | PC S <sub>2</sub>  |           |
| 65 | Divya P.V             | PC S <sub>2</sub>  |           |
| 66 | Parvathi Pradeep      | PC S <sub>2</sub>  |           |
| 67 | Gopika R S            | AC S <sub>2</sub>  |           |
| 68 | Anupama               | AC S <sub>2</sub>  |           |
| 69 | Aswathi.P             | AC S <sub>2</sub>  |           |



|     |                    |                |    |                |
|-----|--------------------|----------------|----|----------------|
| 70. | Adithya Sathesh    | BSc chemistry  | D1 | Adithya        |
| 71. | Jyothika S.R.      | BSc chemistry  | D1 | Jyothika       |
| 72. | Midhila. Rajesh    | BSc chemistry  | D1 | Midhila        |
| 73. | Archana. Suresh    | BSc chemistry  | D1 | Archana        |
| 74. | Aruntha. Raseela   | BSc chemistry  | D1 | Aruntha        |
| 75. | Adithya. Santhosh. | BSc chemistry  | D1 | Adithya        |
| 76. | Dharani. S         | BSc chemistry  | D1 | Dharani        |
| 77. | Nithin John        | BSc chemistry  | D1 | Nithin         |
| 78. | Abhinav. A. Kuroop | B.Sc chemistry | D1 | Abhinav        |
| 79. | Bijo Biju          | B.Sc chemistry | D1 | Bijo           |
| 80. | P.S. Hauramdan     | B.Sc chemistry | D1 | P.S. Hauramdan |
| 81. | Jyothiraj          | B.Sc chemistry | D1 | Jyothiraj      |



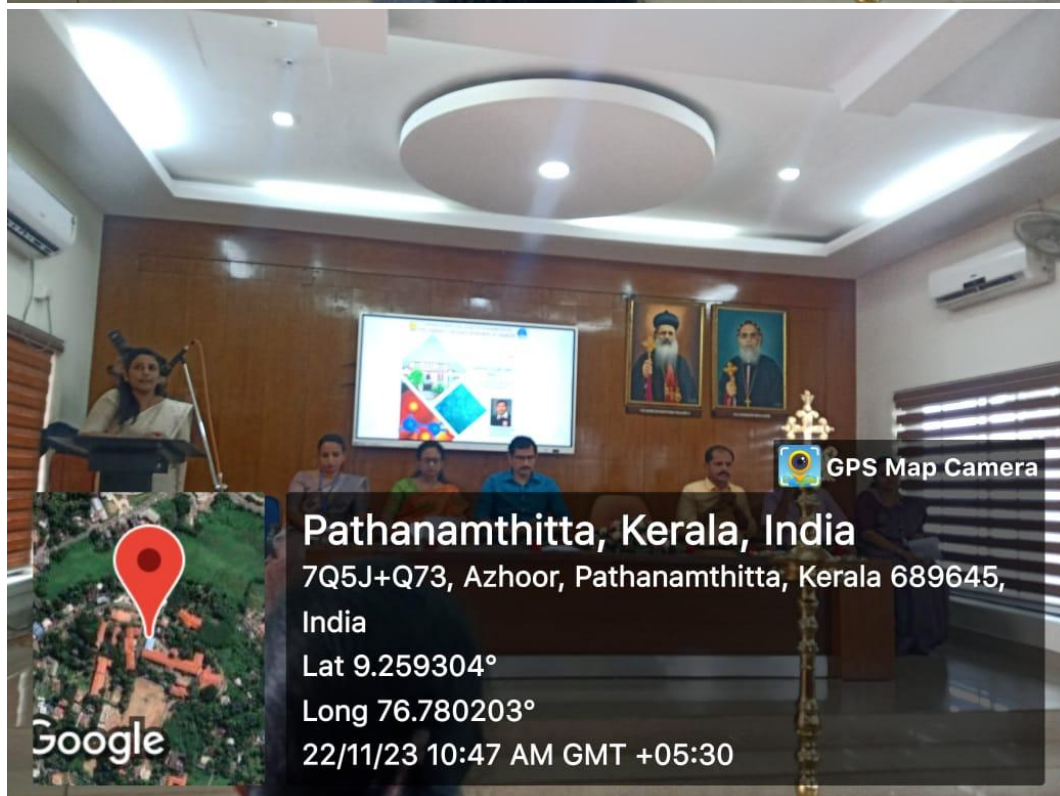
## Activity report

### CHEMISTRY LECTURE SERIES -PHASE II

**Date: 22<sup>nd</sup> November 2023, 10.30 am**

**Venue: Mar Clemis Hall**

**Post Graduate And Research Department Of Chemistry organised Phase II of Chemistry lecture series on 22nd November, Wednesday 2023 at 10.30 am at Mar Clemis Hall. Program started with a prayer song. Dr. Preethy Soosan Thomas gave welcome address. Dr. Saino Hanna Varghese, Head of the department of Chemistry presided the function. Program was inaugurated by Dr. Sindu Jones, Principal, Catholicate College. Prof. Dr. Sunil Jacob delivered keynote address. Prof. Dr. T Thomas, Bursar and IQAC coordinator, felicitated the function. Vote of thanks was given by Dr. Sneha Jose E, coordinator of the program. Inaugural function was followed by technical session. Dr. Swaroop Sasidharan Pillai, Senior Research Associate, University of Guelph, Canada was the resource person. Talk was in the topic ' Basics and applications of Spectroscopy: Quantitative Raman Spectroscopy for hydrothermal Applications. About 90 students attended the session. Session came to an end by 12.30 pm.**





**Activity Report: Academic Year 2023- 24****Activity Name:****Poster Making Competition for High School Students in connection with National Science Day Celebration 2024****Department /Committee / Club : CHEMISTRY**

| Name of the Co-Ordinator          | Venue                                                                  | Day & Date                                                                                                                               | Time   |
|-----------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Dr.Sneha Jose E                   | Department library                                                     | Thursady,22/02/2024                                                                                                                      | 1.30pm |
| Number of Participants : 10       | Nature: Indoor/ Offline                                                | Type Of Activity: Academic/ Extension/ Student Progression/ Student Support/ Environment/ Gender/ Days/ Enrichment/ Other (Specify):Days |        |
| Scheduled/ Unscheduled: Scheduled | Funding Source: Self/ Sponsored /NGO /Industry/ Exchanges/Others: Self |                                                                                                                                          |        |
| Amount:5000                       | Chief Guest:                                                           |                                                                                                                                          |        |

**BRIEF INFORMATION ABOUT THE ACTIVITY**

|                                |                                                                                                                                     |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Topic/ Subject of the Activity | Indigenous technology for better future                                                                                             |
| Objectives                     | To arouse creative expressions in students<br>To gauge understanding and knowledge regarding the importance of national science day |
| Methodology                    | Poster making                                                                                                                       |
| Outcomes                       | Give student participants constructive feedback on their poster design and verbal communication skills                              |

**PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):**

|                   |                        |                  |                    |               |
|-------------------|------------------------|------------------|--------------------|---------------|
| Notice & Letters✓ | List of Participants✓  | Activity Report✓ | Geo Tagged Photos✓ | Feedback Form |
| Feedback Analysis | News Clip with details | Certificate✓     | Any Other          |               |

|                                    |                           |                                           |
|------------------------------------|---------------------------|-------------------------------------------|
| IQAC Document No: 10/ CHE /2023-24 | Criterion No: 3           | NAAC Metric No:                           |
| Departmental File No: CCP/CHE/10   | IQAC File No: CCP/IQAC/21 | International/National/Regional: Regional |

|                                       |                                                        |                                     |
|---------------------------------------|--------------------------------------------------------|-------------------------------------|
| Name of Teacher & Signature with Date | Name of Head/ Committee Incharge & Signature with Date | IQAC Coordinator (Seal & Signature) |
| Dr. Sneha Jose E                      |                                                        |                                     |



POST GRADUATE &  
RESEARCH DEPARTMENT OF CHEMISTRY  
CATHOLICATE COLLEGE, PATHANAMTHITTA

IN ASSOCIATION WITH



BREAKTHROUGH SCIENCE SOCIETY,  
AKAY NATURAL INGREDIENTS PRIVATE LIMITED

&

IQAC CATHOLICATE COLLEGE  
CELEBRATES



**NATIONAL  
SCIENCE DAY-  
2024**

**Indigenous  
Technologies  
for Viksit Bharat**

*Prof. V.T. Thomas  
Memorial Ever  
Rolling Trophy*



POSTER MAKING  
COMPETITION  
FOR  
HIGHSCHOOL  
STUDENTS



**22nd February 2024, Thursday**

**Time: 1.30 pm**

**Venue: Department of Chemistry**



For more details :

GOURI KRISHNA R( 9061789852)

LIJO JOSEPH (8590490654)

MATERIALS ALLOWED:

WATER COLOUR, POSTER PAINT





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PROF. V. J. THOMAS MEMORIAL EVER  
ROLLING TROPHY

POSTER MAKING COMPETITION FOR HIGHER SCHOOL  
STUDENTS

A poster making competition for high school student was conducted for Prof. V. J. Thomas Memorial ever rolling trophy on 22nd Feb 2024, Thursday at 1:30 pm at Department library, of department of chemistry.  
Theme for competition - Science and technology for bright future.  
Time: 2 hrs.

No of participants : 8

Result

First Prize : Darsan Rano, 9C  
Netaji HSS, Pramadam

Second Prize : a) Abiel Jacob, 8B  
Bhavani Vidyanandini  
Pathanamthitta  
b) Nakshathra Manu  
Netaji HSS Pramadam

Winner of Prof. V. J. Thomas Memorial  
Ever rolling trophy : Netaji HSS Pramadam



National Science Day Celebration - 2026  
Poster Making Competition for high school students

List of participants

| <u>Sl.No.</u> | <u>Name of student</u> | <u>Class</u> | <u>School</u>                     |
|---------------|------------------------|--------------|-----------------------------------|
| 1.            | Alakkh Jain            | VIII A       | Bhawan's Vidya Mandir             |
| 2.            | Abiel Jacob            | VIII - B     | "                                 |
| 3.            | Hoshikesh Goud         | VIII - B     | "                                 |
| 4.            | Sadhika S              | VIII B       | "                                 |
| 5.            | Krishnapriya T         | IX A         | SDA HSS                           |
| 6.            | Nakshatra Manu         | IX           | Netaji HSS Perambalam             |
| 7.            | Darshan Ram            | IX           | "                                 |
| 8.            | Nandana R              | VIII         | "                                 |
| 9.            | Vidhya Nandan P        | IX A         | SDA HSS                           |
| 10.           | Sneha Anna Roy         | VIII - B     | Mary Mother High Secondary School |



### **Activity Report**

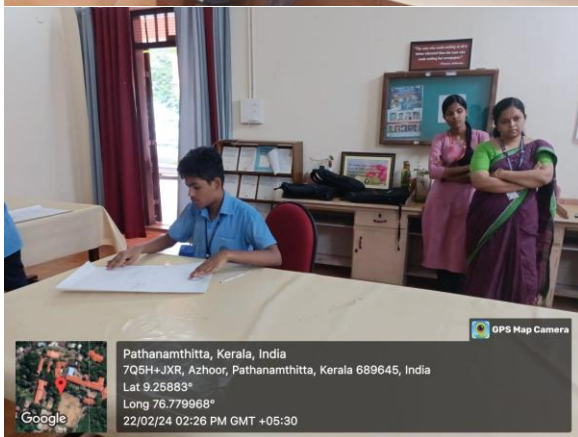
**Poster Making Competition for High School Students in connection with National Science Day Celebration 2024**

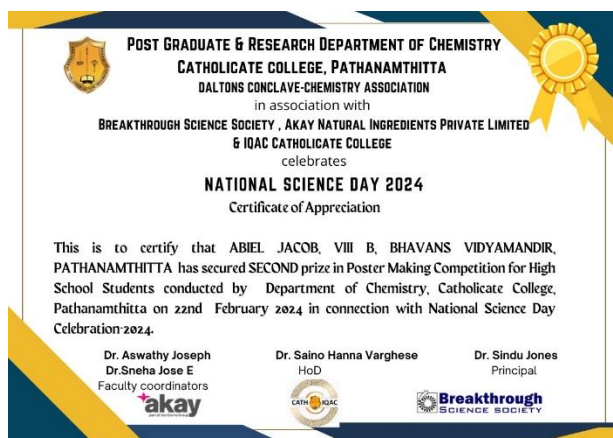
**Venue: Department Library**

**Time: 1.30 pm**

**Date: 22/2/2024, Thursday**

Post graduate and research department of chemistry, Daltons conclave-chemistry association *in association with* Breakthrough Science Society , Akay Natural Ingredients Private limited & IQAC Catholicate College conducted PROF. V.T. THOMAS MEMORIAL EVER ROLLING TROPHY for Poster Making Competition for High School Student connection with National Science Day Celebration 2024 on 22<sup>nd</sup> February at department library ,1.30 pm. 10 students from different schools in and around Pathanamthitta participated in the competition. Darsan Sam, IX C, Netaji HSS, Pramadam bagged first prize. Abiel Jacob, VIII B, Bhanvans Vidya Mandir, Pathanamthitta and Nakshathra Manu, IX C, Netaji HSS, Pramadam shared second prize. Netaji HSS, Pramadam was the winner of PROF. V.T. THOMAS MEMORIAL EVER ROLLING TROPHY for poster making competition for high school students.





**Activity Report: Academic Year 2023- 24**

**Activity Name:**  
**National Science Day Celebration 2024**

**Department: CHEMISTRY**

| Name of the Co-Ordinator             | Venue                             | Day & Date                                                                                                                                         | Time     |
|--------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Dr.Aswathy Joseph<br>Dr.Sneha Jose E | Clemis Hall                       | Wednesday, 28 <sup>th</sup> February 2024                                                                                                          | 10.30 AM |
| Number of Participants: 90           | Nature: INDOOR,<br>OFFLINE        | Type Of Activity: Academic/ Extension/<br>Student Progression/ Student Support/<br>Environment/ Gender/ Days/ Enrichment/<br>Other (Specify): DAYS |          |
| Scheduled/ Unscheduled:<br>Scheduled | Funding Source: Self              |                                                                                                                                                    |          |
| Amount: 10000                        | Chief Guest: Ms. Princy Deni Raju |                                                                                                                                                    |          |

**BRIEF INFORMATION ABOUT THE ACTIVITY**

|                                |                                                                                                                                                                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Topic/ Subject of the Activity | <i>A Journey Through the Science of Chem Mysteries</i>                                                                                                                                                                               |
| Objectives                     | <ul style="list-style-type: none"><li>• TO UNDERSTAND THE JOURNEY OF VARIOUS FAMOUS SCIENTISTS AND SCIENTIFIC FACTS</li><li>• TO AROUSE INTEREST IN STUDENTS ABOUT SCOPE OF RESEARCH IN DIFFERENT SPECTROSCOPIC TECHNIQUES</li></ul> |
| Methodology                    | <ul style="list-style-type: none"><li>• LECTURE FOLLOWED BY INTERACTIVE SESSION</li></ul>                                                                                                                                            |
| Outcomes                       | <ul style="list-style-type: none"><li>• UNDERSTAND BASIC AND RECENT ASPECTS OF VARIOUS RESEARCH OPPURTUNITIES</li></ul>                                                                                                              |

**PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):**

|                   |                         |                  |                  |               |
|-------------------|-------------------------|------------------|------------------|---------------|
| Notice & Letters✓ | List of Participants✓   | Activity Report✓ | GeotaggedPhotos✓ | Feedback Form |
| Feedback Analysis | News Clip with details✓ | Certificate✓     | Any Other        |               |

|                                    |                           |                                           |
|------------------------------------|---------------------------|-------------------------------------------|
| IQAC Document No: 12/ CHE /2023-24 | Criterion No:1            | NAAC Metric No:                           |
| Departmental File No: CCP/CHE/12   | IQAC File No: CCP/IQAC/21 | International/National/Regional: Regional |

|                                                                               |                                                        |                                     |
|-------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------|
| Name of Teacher & Signature with Date<br>Dr.Aswathy Joseph<br>Dr.Sneha Jose E | Name of Head/ Committee Incharge & Signature with Date | IQAC Coordinator (Seal & Signature) |
|-------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------|



## **PG & RESEARCH DEPARTMENT OF CHEMISTRY** **CATHOLICATE COLLEGE, PATHANAMTHITTA**

DALTONS CONCLAVE-CHEMISTRY ASSOCIATION  
IN ASSOCIATION WITH  
BREAKTHROUGH SCIENCE SOCIETY &  
AKAY NATURAL INGREDIENTS PRIVATE LIMITED  
& IQAC CATHOLICATE COLLEGE  
CELEBRATES

### **NATIONAL SCIENCE DAY-2024**

 **MAR CLEMIS HALL**

 **10.00 AM**

 **28 FEBRUARY 2024**



**PROF. V.T. THOMAS  
MEMORIAL EVER ROLLING  
TROPHY FOR  
POSTER MAKING  
COMPETITION FOR HIGH  
SCHOOL STUDENTS**

**Resource person :**  
**Ms. Princy Deni Raju**  
*Senior Research Fellow  
University of Kerala*  
**Topic : A Journey Through  
Science of Chem Mysteries**

**Dr. Sindu Jones**  
Principal

**Dr. Saino Hanna Varghese**  
HoD

**Dr. George Thomas**  
IQAC Coordinator

**Prof. P. N. Thankachan**  
Secretary,  
Breakthrough Science Society

**Dr. Aswathy Joseph**  
**Dr. Sneha Jose E**  
Faculty Coordinators

**Gourikrishna R**  
**Lijo Joseph**  
Student Coordinators





NATIONAL SCIENCE DAY - 2024 113  
28<sup>th</sup> February, 2024  
Venue: Mas. Clemis Hall, 10:30 AM  
Resource person: Ms. Princy Devi Raju  
SRI, University of Kerala  
Inauguration: Dr. Sindu Jones  
Principal, Catholicate College  
Prof. P.N. Thankachan  
Secretary, Breakthrough Science Society  
Felicitation: Dr. George Thomas  
IARC Coordinator  
Received Prof. V.J. Thomas Everrolling Trophy  
for  
Poster making competition for highschool students.  
The trophy will be bestowed as per the demand of  
Dept. of Chemistry, Catholicate College, Pathanamthitta.  
Remyasree G.  
28/2/2024  
Teacher at Nedaji Highschool Ponnemba



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| S.No | Name               | Dept                                     | Sign |
|------|--------------------|------------------------------------------|------|
| 1    | Priyank D Alex     | D3 Chemistry                             |      |
| 2    | Jithin Joshua      | "                                        |      |
| 3    | Navanath R         | "                                        |      |
| 4    | Gokul Mohan        | "                                        |      |
| 5    | Manush Mohanan     | "                                        |      |
| 6    | Aradhya B Nair     | D1 Chemistry                             |      |
| 7    | Adithya Sathesh    | "                                        |      |
| 8    | Igathaka S R       | "                                        |      |
| 9    | Nithin John        | "                                        |      |
| 10   | Gopu Krishnan B.S  | "                                        |      |
| 11   | P.S Haimanandan    | "                                        |      |
| 12   | Bijo Biju          | "                                        |      |
| 13   | Anchana S Nair     | II <sup>nd</sup> MSc Analytical chem     |      |
| 14   | Gopika R.S         | "                                        |      |
| 15   | Pranav P           | D3 chemistry                             |      |
| 16   | Steve Robin        | D3 chemistry                             |      |
| 17   | Yadu Krishna       | D3 chemistry                             |      |
| 18   | Melvin Roy         | "                                        |      |
| 19   | Swathy Bnu         | "                                        |      |
| 20   | Megha Mohan        | "                                        |      |
| 21   | AKHILA KALYANI     | "                                        |      |
| 22   | Gayathri Suresh    | "                                        |      |
| 23   | Neha dyacob        | "                                        |      |
| 24   | Sithara C.A        | "                                        |      |
| 25   | Hitha Fathima      | "                                        |      |
| 26   | Gayathri T Manjara | D3 chemistry                             |      |
| 27   | Aaya Vikram        | "                                        |      |
| 28   | Shari C Shaji      | "                                        |      |
| 29   | Nishana Nisha      | I <sup>st</sup> MSc Analytical Chemistry |      |
| 30   | Manakshi H         | I <sup>st</sup> MSc Analytical chemistry |      |
| 31   | Christy Raju       | I <sup>st</sup> MSc. Polymer chemistry   |      |
| 32   | Aswathi-p          | I <sup>st</sup> MSc polymer chemistry    |      |
| 33   | Shazana            | II <sup>nd</sup> MSc Analytical          |      |
| 34   | Dnya P.V           | II <sup>nd</sup> MSc Polymer             |      |



| No | Name               | Dept.        | 115          |
|----|--------------------|--------------|--------------|
| 35 | Meson Susan Tjeje  |              | Sign         |
| 36 | Crowen Susich      | Dg chemistry | Meson        |
| 37 | Jesna Anna Libi    | D3 chemistry | Crowen       |
| 38 | Jeana Sara Johnson | D3 chemistry | Jeana        |
| 39 | Kavya R            | D3 chemistry | Kavya        |
| 40 | Uthala Udayan      | "            | Uthala       |
| 41 | Nayana P. Ramesh   | "            | Nayana       |
| 42 | Anjana Gangadharan | "            | Anjana       |
| 43 | Swati Krishna      | "            | Swati        |
| 44 | Devika R. Naive    | "            | Devika       |
| 45 | Pamunathy S        | "            | Pamunathy    |
| 46 | Swathi S. Das      | "            | Swathi       |
| 47 | Reema Rajith       | DI physics   | Reema        |
| 48 | Lekshmi Dileep     | "            | Lekshmi      |
| 49 | Rechanca Jayakumar | "            | Rechanca     |
| 50 | Abin M             | "            | Abin         |
| 51 | Beljo P John       | "            | Beljo        |
| 52 | Jayakrishnan       | "            | Jayakrishnan |
| 53 | Maneecha           | "            | Maneecha     |
| 54 | Kiran              | "            | Kiran        |
| 55 | Nila B             | "            | Nila         |
| 56 | Andra              | "            | Andra        |
| 57 | Roshan             | "            | Roshan       |
| 58 | Maneesh            | "            | Maneesh      |
| 59 | Nandhana           | "            | Nandhana     |
| 60 | Aravindh           | "            | Aravindh     |
| 61 | Anya Alexander     | "            | Anya         |
| 62 | Aksha              | "            | Aksha        |
| 63 | Dakshith           | "            | Dakshith     |
| 64 | Alan               | "            | Alan         |
| 65 | Toel               | "            | Toel         |
| 66 | Sreelekshmi        | "            | Sreelekshmi  |
| 67 | Tyothi lekshmi     | "            | Tyothi       |
| 68 | Radha              | "            | Radha        |



| SINO | NAME                | DEPT                                          | SIGN       |
|------|---------------------|-----------------------------------------------|------------|
| 69.  | Athira Mohan        | 1 <sup>st</sup> MSc polymer chemistry         | Athira     |
| 70   | Akathumol A         | 1 <sup>st</sup> MSc chemistry (polymer)       | Akathumol  |
| 71   | ASWANI S. NAIR      | 1 <sup>st</sup> MSc Chemistry (Analytical)    | ASANI      |
| 72   | Gowdipriya P        | 1 <sup>st</sup> MSc Analytical chemistry      | Gowdipriya |
| 73   | Dassana S. Bhaskar  | MSc 1 <sup>st</sup> year Analytical chemistry | Dassana    |
| 74.  | Santhya Chandran    | S <sub>4</sub> P.C                            | Santhya    |
| 75   | Aya A               | S <sub>4</sub> P.C.                           | Aya        |
| 76   | Adithya Santhosh    | D1 chemistry                                  | Adithya    |
| 77   | Amrutha Prasad      | "                                             | Amrutha    |
| 78   | Remy J. Biju        | D2 chemistry                                  | Remy       |
| 79   | Geethima C Prasad   | "                                             | Geethima   |
| 80   | Shamlin Gracey Sam  | "                                             | Shamlin    |
| 81   | Devika S Nair       | "                                             | Devika     |
| 82   | Remya Vijayan       | "                                             | Remya      |
| 83   | Thirumala George    | "                                             | Thirumala  |
| 84   | Nekha Kishore       | "                                             | Nekha      |
| 85   | Alshifa S           | "                                             | Alshifa    |
| 86   | Surya S             | "                                             | Surya      |
| 87.  | Shubha S            | "                                             | Shubha     |
| 88.  | Stephen Samuel Paul | "                                             | Stephen    |
| 89.  | Anjitha Mohan       | D1 Chemistry                                  | Anjitha    |
| 90.  | Dharani S           | "                                             | Dharani    |
| 91   | Archana Suresh      | "                                             | Archana    |
| 92   | Merteena Aji        | "                                             | Merteena   |
| 93   | Midhila Rajesh      | "                                             | Midhila    |
| 94   | Emy Thankam Abraham | S <sub>4</sub> Analytical chemistry           | Emy        |
| 95   | ASwathy P           | "                                             | ASwathy    |
| 96   | Preethi Pradeep     | S <sub>4</sub> P.C                            | Preethi    |



## Activity report

### *National Science Day 2024*

28<sup>th</sup> February 2024

Time: 10.30 AM

Venue: Mar Clemis Hall

Post graduate and research department of chemistry, Daltons Conclave-Chemistry association

*in association with* Breakthrough Science Society, Akay Natural Ingredients Private limited & IQAC Catholicate College celebrated National Science Day on 28<sup>th</sup> February, Wednesday 2024 at 10.30 am at Mar Clemis Hall. Program started with a prayer song. Dr. Saino Hanna Varghese, Head of the department of Chemistry gave welcome address. Ms. Abhinand P V (S4 M. Sc Analytical Chemistry) presided the function. Program was inaugurated by Dr. Sindu Jones, Principal, Catholicate College. Prizes for Prof. V.T. Thomas Memorial Ever Rolling Trophy for poster making competition for high school students were distributed. Netaji HSS, Pramadam bagged the ever-rolling trophy. Dr. George Thomas, IQAC coordinator, felicitated the function. CV RAMAN biography was presented by Anupriya S (S4 M. Sc Analytical Chemistry). Vote of thanks was given by Ms.GouriKrishna R, student coordinator of the program. Inaugural function was followed by technical session. Ms. Princy Deni Raju (Former Student, BSc 2014-17), Senior Research Fellow, Department of Chemistry, University of Kerala was the resource person. Riya Sara Roy (S2 Polymer Chemistry) presented the profile of resource person. Talk was in the topic ' *A Journey Through the Science of Chem Mysteries*. About 90 students attended the session. Session came to an end by 12.30 pm. Archana S Nair (S4 Analytical Chemistry) delivered vote of thanks for the technical session.



## CATHOLIC COLLEGE PATHANAMTHITTA



