

Criterion 3: Research, Innovations and Extension

Seminar on the Occasion of National Science Day - Bodhi 2015

Title:	Seminar on the Occasion of National Science Day - Bodhi 2015
Date:	25- 28.02.2015
Venue:	Fr. Melesius Hall
Focus of the Event:	Entrepreneurship
Organizing Body:	Department of Chemistry
Resource Person:	Prof. Dr. Rani Joseph, Professor Emeritus, Department of Polymer Science and Rubber Technology, Cochin University of Science And Technology
Total Number of Attendees:	75



Event Report

The National Science Day celebrations kick started with the inaugural function on 25th of February conducted at the college auditorium. The chief guest of the day was Prof. Dr. Rani Joseph, Professor Emeritus, Department of Polymer Science and Rubber Technology, Cochin University of Science And Technology. The inaugural function was presided over by Rev. Fr. Jose Kuriyath CMI, manager Sacred Heart College Thevara. The inaugural function started at 9:00 am. 50 students accompanied by their teachers from 5 different school namely Sacred Heart high school Thevara, T.D high School Mattancherry, CCPLM high school Perumanoor, St. Thomas girl's high school Perumanoor attended the function. Dr. Joseph John, Head of the Department of Chemistry

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welcomed the gathering and the chief guest of the day Prof. Dr. Rani Joseph inaugurated Bodhi 2015 by performing an exciting experiment and her inaugural address inspired the audience tremendously. The inaugural function ended with the words of gratitude by Mr. Midhun Dominic CD, the programme coordinator.

The technical session of Bodhi 2015 started with the invited talk by Dr. Rani Joseph on the topic "science for nation building." The talk was very informative and was very lightly explained so that the school students easily grasped the ideas. The students came up with interesting doubts and questions and the professor was very enthusiastic in clearing them. The invited talk was followed by the launch of the Chemistry Awareness Programme (CAP). This marked the end of the morning session and the group was adjourned for lunch. The guests were served sumptuous nadan Kerala sadhya.

The afternoon session witnessed "**The Magic of Chemistry**" programme, in which around 26 simple yet strikingly curious chemistry experiments were demonstrated. The experiments were arranged in the two post graduate chemistry labs of the college and the students were divided into groups of five. The experiments were arranged and managed with the help of final year post graduate students of Sacred Heart College. These experiments were based on simple chemistry and the student community received it with awe. Each experiment was explained very vividly which made them understand that the magic of chemistry was rather explanatory and the science behind these magic acts were simple. The experiments were demonstrated to each group of students and the facts were explained to them with the help of chart papers and powerpoint presentations so that the students can easily read it out. The students were very curious and were writing down every possible detail of each of the experiments. They were very lavish in asking questions and their curious budding minds were filled with infectious energy. Almost all experiments ignited their scientific temper and they were easily taken to the magic world of chemistry. This was clearly reflected in their feedback forms written at the end of the day which were filled with enthusiastic and heart filled comments and suggestions.

The day's programme came to an end with the valedictory function which was presided over by Dr. Joseph John, Head of the Department of chemistry. Students and teachers shared their experiences and suggested their willingness to participate in the future years. Refreshments were served at the end.

National Science Day celebrations continued to 28th of February, when a chemistry quiz was conducted for the college students. Various graduate and postgraduate students from 14 different colleges participated in the intercollegiate quiz competition. Thus 14 different teams each consisting of two members participated in the preliminary round, which consisted of a written test. Four teams each from K E College Mannanam, Devamatha College Kuravilangad, Sacred Heart College Thevara and CMS College Kottayam were selected for the final round. Assistant professor Mr. Midhun Dominic C.D was the quiz master and assistant professor Dr Ramakrishnan was the scorer. The final round consisted of 4 sections. At the end of the quiz, Mr Akash Chacko and Mr Jibin

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K.P of K.E College Mannanam was declared as the winner, Ms. Ashita Tom and Ms. Simjamol A.C of SH college bagged second prize and Mr Alan Jose and Robin John of Devamatha College was adjusted the 2nd runner up and the consolation prize was given to Ms. Athira Chandran and Mr. Ashish John of CMS College. Cash prizes, certificates and medals were distributed to the winners by Dr Joseph John, head of the Department of Chemistry. Lunch was arranged for the participants.

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Additional Pictures



Event Brochure



Bodhi 2015
NATIONAL SCIENCE DAY CELEBRATIONS

Department of Chemistry and
Bhoomitrasena Club

SH SACRED HEART COLLEGE
Autonomous

25th - 28th
February

Focus of the seminar/workshop/event:
Skills Development,
entrepreneurship

National Science Day is celebrated in India on February 28th each year to mark the discovery of the Raman Effect by Indian physicist sir Chandrasekhara Venkata Raman on February 28th, 1928. In connection with this the Department of Chemistry of Sacred Heart College, Thevara and Bhoomithrasena club is organising Bodhi 2015 with the support of Kerala State Council of Science Technology and Environment. The following events will be conducted in connection with Bodhi 2015;

1. Popular lecture
2. Chemistry Awareness Programme (CAP) and chemistry magic for school students.
3. Chemistryquiz for college students.

Chemistry
H.O.D

Sacred Heart College
(Autonomous)
Thevara, Kochi- 682013
(Estd. 1944)

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Resource Person:
Dr. Rani Joseph
(Professor Emeritus,
Department of Polymer Science
and Rubber Technology, Cochin
University of Science and Technology)



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Event Attendance Sheet

List of Participants				
Department of Chemistry				
25-28. 2. 2015				
Name of the Consultant : CUSAT				
Name of the Programme: Science Day Celebrations				
SL. No.	Register Number	Name of the Student	Class/Stream	Attendance
1	4546	DEVIKA S. MOHAN	BSc Chemistry	✓
2	4537	FABIN FAUSTA AUREO	BSc Chemistry	✓
3	4519	LEONA ANGELA MORRIS	BSc Chemistry	✓
4	4539	ANETT ANTONY	BSc Chemistry	✓
5	4532	ANJIMA JAMES	BSc Chemistry	✓
6	4553	ARYA ANILKUMAR	BSc Chemistry	✓
7	4530	BASIMA ZIYANA A S	BSc Chemistry	✓
8	4515	DEVI PRIYA S. BABU	BSc Chemistry	✓
9	4544	GIGI VARGHESE P.	BSc Chemistry	✓
10	4547	HARITHA V. MENON	BSc Chemistry	✓
11	4549	KEERTHANA RAJEEV	BSc Chemistry	✓
12	4510	MOHIT MOHAN	BSc Chemistry	✓
13	4523	NEETHU P.D.	BSc Chemistry	ABSENT
14	4528	NOORJAHAN M.M.	BSc Chemistry	✓
15	4558	SAJITH A.S.	BSc Chemistry	✓
16	4502	SARATH KUMAR T.M.	BSc Chemistry	✓
17	4527	SISI TINTU P.P.	BSc Chemistry	✓
18	4534	TOMSY THOMAS	BSc Chemistry	✓
19	4557	VIDYA E.B.	BSc Chemistry	✓
20	4512	VIVEK V. SHENOY	BSc Chemistry	✓
21	4507	ABILASH R.S.	BSc Chemistry	✓
22	4501	ABINAS V.A.	BSc Chemistry	✓
23	4511	AJAY GOPAL	BSc Chemistry	✓
24	4541	AKHILA THANKACHAN	BSc Chemistry	✓
25	4504	AMAL DEV S.A.	BSc Chemistry	✓
26	4538	ANITTA M.K.	BSc Chemistry	✓
27	4513	ANJU P. ASHOKAN	BSc Chemistry	✓
28	4518	ANJU SIVADAS	BSc Chemistry	✓
29	4536	ASHNA POLY	BSc Chemistry	✓
30	4524	JESLY JOHNY	BSc Chemistry	✓
31	4555	JINU T. JOSEPH	BSc Chemistry	✓
32	4529	MANJUSHA V.M.	BSc Chemistry	✓
33	4503	NIPIN SEBASTIAN	BSc Chemistry	✓
34	4521	RESHMA VIYAJAN	BSc Chemistry	✓
35	4542	RESHMI KARAMEL	BSc Chemistry	✓
36	4545	RIVA RAJU	BSc Chemistry	✓



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37	4533	ROSHIN JOSEPH	BSc Chemistry	✓
38	4556	SHAFINA P.	BSc Chemistry	✓
39	4548	SOUMYA SURESH	BSc Chemistry	✓
40	4543	TISHA ROY K.	BSc Chemistry	✓
41	4340	AGNEETHA JOHN	BSc Maths	✓
42	4314	RIFI PHILIP	BSc Maths	✓
45	4328	DIYA SABU MALAYIL	BSc Maths	✓
46	4321	DORA THOMAS	BSc Maths	✓
47	4336	EVILIN BRIGITHA WILSON	BSc Maths	✓
48	4305	FASALUDHEEN BASHEER	BSc Maths	✓
49	4333	K. JEENU JOY	BSc Maths	✓
50	4323	MENNY M.N.	BSc Maths	✓
51	4316	NAJIYA K.Z.	BSc Maths	✓
52	4304	PRINCE P.	BSc Maths	✓
53	4318	PYARY C.H.	BSc Maths	✓
54	4324	ROSEMARY M.B.	BSc Maths	✓
55	4326	SARANYA B, MENON	BSc Maths	✓
56	4337	TEENU CHACKO	BSc Maths	✓
57	4302	ABRAHAM VARGHESE	BSc Maths	✓
58	4339	AMRUTHA P.R.	BSc Maths	✓
59	4320	ANISHA JOHN	BSc Maths	✓
60	4342	ANU JOSEPH	BSc Maths	✓
61	4327	ARYA G. KUMAR	BSc Maths	✓
62	4338	ASIYA M.	BSc Maths	✓
63	4322	GREESHMA JOSEPH	BSc Maths	✓
64	4311	KRISHNA SAGAR N.P.	BSc Maths	✓
65	4335	MARIA K.J.	BSc Maths	✓
66	4310	MIDHUN A.M.	BSc Maths	✓
Total Participants : 66				

Cardinal
D. Thommadan Xavier