

CHEMISTRY DEPARTMENT 2020-2021

ACTIVITY REPORT

National Webinar 2020

In connection with platinum jubilee year of St. Mary's college, the department of chemistry, organised an national webinar on the topic "Overview of IPRs-Importance and impact of patents for Academics and Research product" by Dr. Pavan Kumar , Senior scientist, CSIR -Institute of minerals and materials technology(IMMT),bhubaneswar 28th July 2020 at 1 pm through google platform . The webinar was inaugurated by, Dr. Sr. Magie Jose, Principal, St. Mary's College, Thrissur. Staff, students and researchers from various institutions participated in the webinar. The webinar was informative and inspiring.



The poster features a green and blue background with a grid pattern. On the left is the crest of St. Mary's College. The main text is in yellow and white. A portrait of Dr. T. Pavan Kumar is on the left side of the poster. At the bottom, there are details about registration, the organizing department, and the patron and convenor.

NATIONAL WEBINAR
OVERVIEW OF IPRs - IMPORTANCE AND IMPACT OF PATENTS FOR ACADEMICS & RESEARCH PRODUCT

Date: 28/7/2020 Time 2.00pm Platform : google meet

Resource Person **Dr. T. Pavan Kumar**
Senior Scientist, CSIR-Institute of Minerals and Materials Technology (IMMT), Bhubaneswar

Organized by
Department Of Chemistry,
St. Mary's College, Thrissur, Kerala, India

Free Registration E certificate will be provided
Registration link: <https://forms.gle/tC3RFSwdn3bbqQFN8>

Patron: Dr. Sr. Magie Jose Coordinator: Dr. T. Geetha Convenor: Dr. Manju Sebastian

Patents

A patent is a contract between the government and the inventor

The government gives the inventor
The right to exclude others from making, using or selling the invention for a term of years

The exclusive right does not give the inventor the right to make, use or sell his invention

MAKING Using SELLING
OFFERING FOR SALE IMPORTING A PROCESS

PATENT GIVES EXCLUSIVE RIGHT TO THE OWNER TO PREVENT OTHERS FROM

PATENT... I SHOULD'VE TAKEN OUT A PATENT FIRST

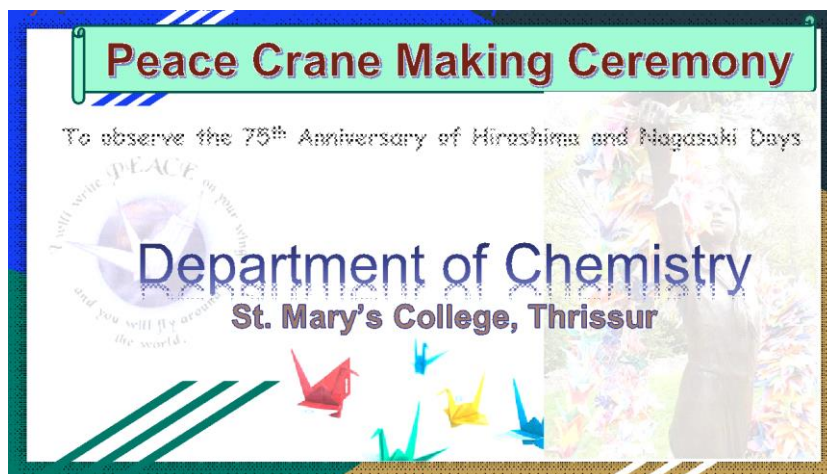
MOCKS DEPART AFTER INVENTING FIRST

Activate Windows
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38:16 / 2:13:07

Commemoration of Hiroshima & Nagasaki day 2020

In connection with platinum jubilee year of St. Mary's college, the Department of Chemistry, organised **peace crane making** in remembrance of Hiroshima and Nagasaki day at 6th & 9th august 2020. It is the remembrance of the bomb attack on Hiroshima and Nagasaki by the United states during II world war in 1945. Students from various department participated in the ceremony





International Webinar 2020

In connection with platinum jubilee year of St. Mary's college, the Department of Chemistry, organised an international webinar on the topic "My research journey through polymers to solid state NMR spectroscopy" by Dr. Gisha Elizabeth Luckachan, Lecturer in Chemistry, College of arts and science, KHALIFA university, Abu-Dhabi ,UAE on 10th August 2020 at 1 pm in google platform. The webinar was inaugurated by, Dr. Sr. Magie Jose, Principal, St. Mary's College, Thrissur. Staff, students and researchers from various institutions participated in the webinar. The webinar was informative and inspiring.

Platinum Jubilee Year 20-21

INTERNATIONAL WEBINAR

MY RESEARCH JOURNEY THROUGH POLYMERS TO SOLID STATE NMR SPECTROSCOPY

Date:10/8/2020 Time 12.00pm Platform : google meet

Resource Person: Dr. Gisha Elizabeth Luckachan
Lecturer of Chemistry
College of Arts & Sciences, Khalifa University of Science & Technology,
Abu Dhabi, UAE

Organized by
Department Of Chemistry,
St. Mary's College, Thrissur, Kerala, India

Free Registration
Registration link: <https://forms.gle/QNBcCbYqX8rmo8aA>

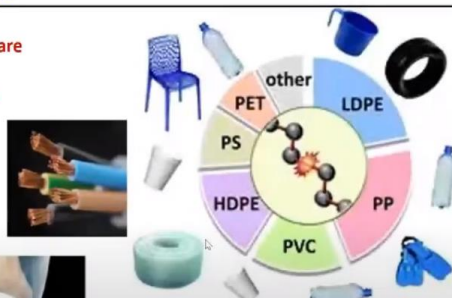
E certificate will be provided

Patron: Dr. Sr. Magie Jose Coordinator: Dr. T. Geetha
Convenor: Dr. Bincy Joseph

Polymer properties & uses

Polymers generally called plastics are

- light in weight
- near-zero moisture absorption.
- Good mechanical strength
- Chemical resistance
- Impact resistance
- Good insulator
- Low coefficient of friction



Main draw back of plastic material
❖ Non biodegradability



Gisha Kuncheria

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8:43 / 55:57

Ozone day Celebration 2020

In connection with The world ozone day Department of chemistry of St. Mary's college, organized Intercollegiate Power Point presentation competition on the focal theme "**Ozone for life**" in a google platform. The competition was judged by Dr. Litty Mathew Irimpan, HOD, Department of Physics St Mary's College Thrissur. The participants were very creative and able to impress the judging panel. The first prize Winner was Suma P. J, St Mary's college Thrissur and second prize winner by Jitha P.J , St. Mary's College Thrissur. Anija P.A, Alphonsa college Pala won the third prize.

St. Mary's College, Thrissur
Nationally reaccredited with A grade

Department of Chemistry

Intercollegiate PowerPoint presentation competition
on the focal theme
"Ozone for life"

Present the ppt using g meet, zoom or any other tool and send the recorded video of the presentation or share it with us at chemistry.dept@smctr.ac.in on or before 22nd September 2020. The duration of presentation should be less than 5 min.

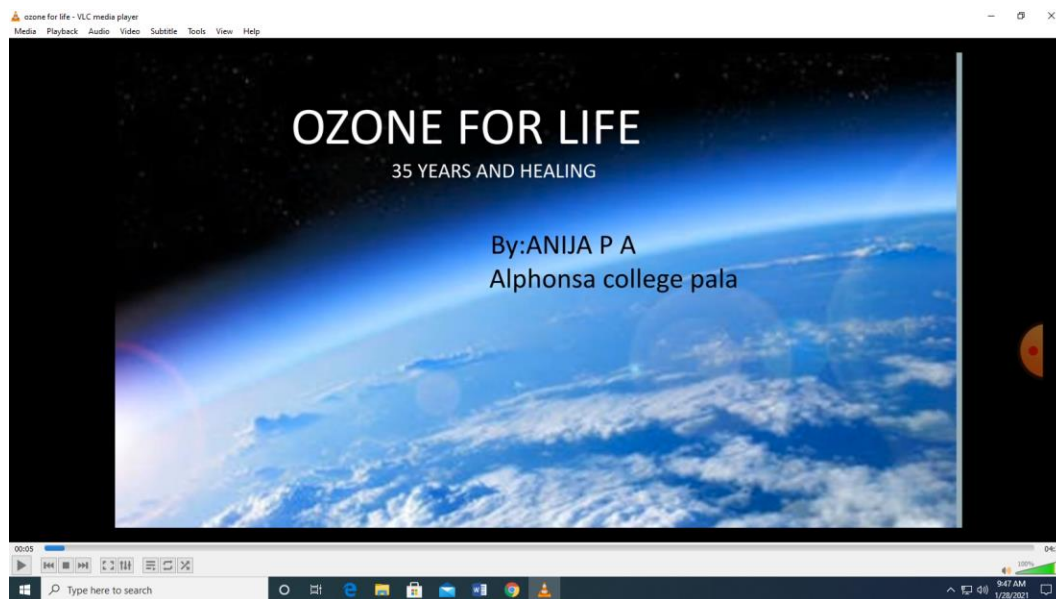
attractive prizes

Dr. Sr. Magie Jose
Principal

Dr. T. Geetha
Head of the Dept.

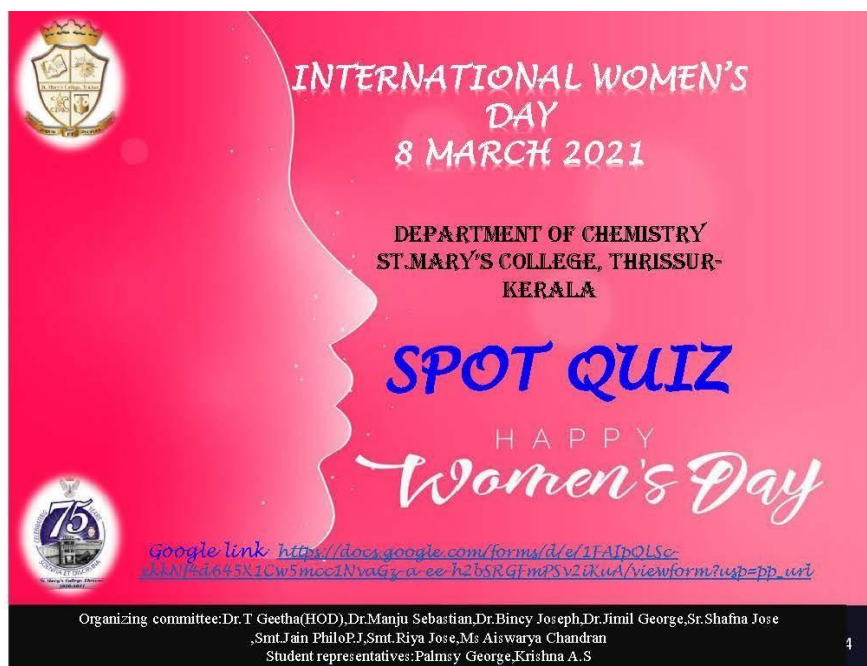
Dr. Manju Sebastian
Dr. Bincy Joseph
Faculty Coordinators

Ms. Nivedhitha
Student coordinator



International Women' Day Celebration

In connection with International women's day celebration the department of chemistry organized an intercollegiate online spot quiz competition on 8th march 2021. There were 59 participants from various colleges including staff and students. The first prize winners are Sruthy Damodaran, first year BSc.Chemistry (St. Mary's college, Thrissur), Dr. Litty Mathew Irimpan Dept.of Physics(St. Mary's college ,Thrissur) and Ansha P.W first year BSc.chemistry (St. Mary's College ,Thrissur).



National Science Day celebration 2021

The National Science Day is celebrated each year to mark the discovery of the Raman Effect by Indian physicist Sir Chandrashekhara Venkata Raman on 28 February 1928. This Year the department of chemistry, St. Mary's College, Thrissur Organized a *Meet the Eminent Programme* in connection with National Science Day celebration on 27th January 2021 through Google meet. The event was started by a prayer song, Later, Palmsy George of I PG chemistry, delivered the welcome speech. After that an informative and inspirational talk was delivered by Dr Radhika T, Scientist C CMET, Athani on the topic "Gateway to Research in Chemistry". She shared her thoughts about research, its possibilities and her personal experience in this field. The informative session culminated with a vote of thanks proposed by Mariya Geevarghese of III DC Chemistry.

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National Science Day 2021

*Department of Chemistry
St. Mary's College Thrissur*

Dr. T. Radhika
*Scientist- C
C-MET, Thrissur, Athani.P.O*

Topic: Gateway to Research in Chemistry

Date:27/02/2021 Time:10 AM Platform: Google Meet

Organizing committee:
Dr.T Geetha (HOD) , Dr.Manju Sebastian, Dr.Bincy.Joseph,
Dr.Jimil George ,Sr.Shafna Jose Smt.Riya Jose,
Smt.Jain Philo P.J, Ms. .Aiswarya Chandran

Student Representative: Palmsy George, Mariya Geevarghese

Feed Player song - chemistry.doc x Meet - National Science Day x


https://meet.google.com/dcj-jdy-zhw?authuser=0&hl=en

Apps YouTube Maps Gmail news

Dr Bincy Joseph is presenting

Jincy Joseph and 52 more

10:28 AM



and many more...

AMOGH RAMDAL

PALMSY GEORGE

NISMA N V

Dr Bincy Joseph

National Science Day Celebration ...

Activate Windows
Go to Settings to activate Windows.

Dr Bincy Joseph is presenting

10:28 AM

WORKSHOP ON DEVELOPMENT OF SKILLS ON USING CHEMDRAW SOFTWARE

As a part of PCC for II PG students the Department of Chemistry organised a one-day workshop on development of skills on using CHEMDRAW software by Dr. Jimil George Assistant professor, Department of Chemistry, St. Mary's college Thrissur on 10th March 2021. There were two sessions for the workshop in which the primary stretch dealt with the theoretical part followed by the secondary stretch of practical part. Students got trained for operating the software in the practical part. Ms Krishna A. S of II MSc Chemistry expressed gratitude for the effective and vibrant workshop.

