



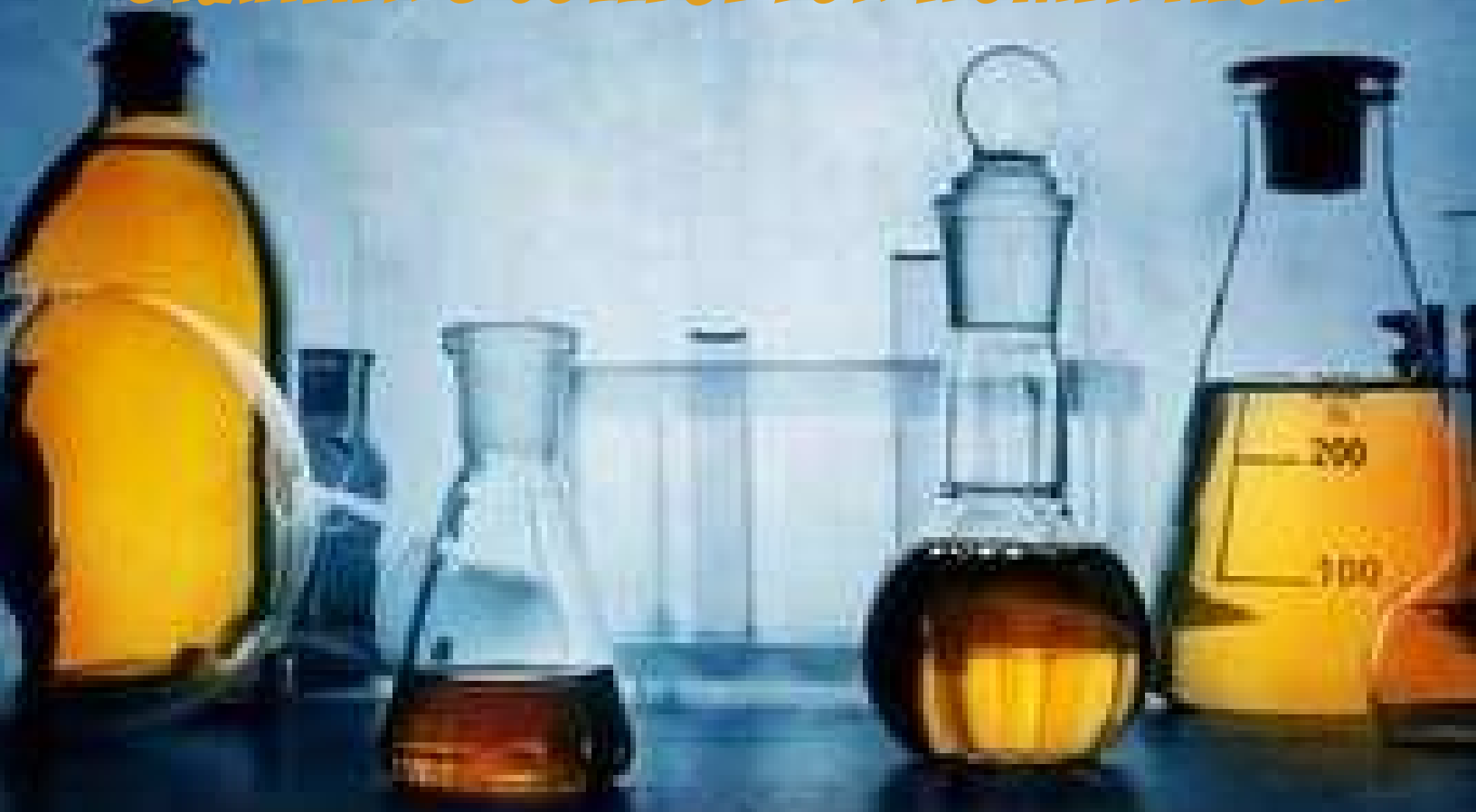
ST. XAVIER'S COLLEGE FOR WOMEN, ALUVA
REACCREDITED BY NAAC WITH A GRADE (CGPA 3.33)
ISO 9001-2015 CERTIFIED

DEPARTMENT OF CHEMISTRY
ANNUAL REPORT
2021-2022

CHEM TRAVELOGUE

NEWSLETTER 2021-2022

ST. XAVIER'S COLLEGE FOR WOMEN ALUVA



A journey through the activities of chemistry

*Our sincere gratitude
to.....*



DR. SR. SOOSAMMA KAVUMPURATH
(Manager)



REV. DR. SR. GEEGE JOANAMMA XAVIER
(Principal)



DR. SR. STELLA K.A.
(Vice Principal)

CHEMISTRY ASSOCIATION INAUGURATION 2021-22

**ST. XAVIER'S COLLEGE FOR WOMEN
ALUVA**
Affiliated To Mahatma Gandhi University, Kottayam
Re-accredited By NAAC With A Grade

**Department Of
Chemistry**


**INAUGURATION
OF
Chemistry
Association
&
HONORING THE
WINNERS**
28 August 2021 / 3:30 pm
[Click here to join](#)

Chief Guest

Priya Mary Chacko
Scientific Officer (Biology)
State Forensic Science Laboratory

Felicitator

Rev. Sr. Dr. Geege Joanamma Xavier
Principal

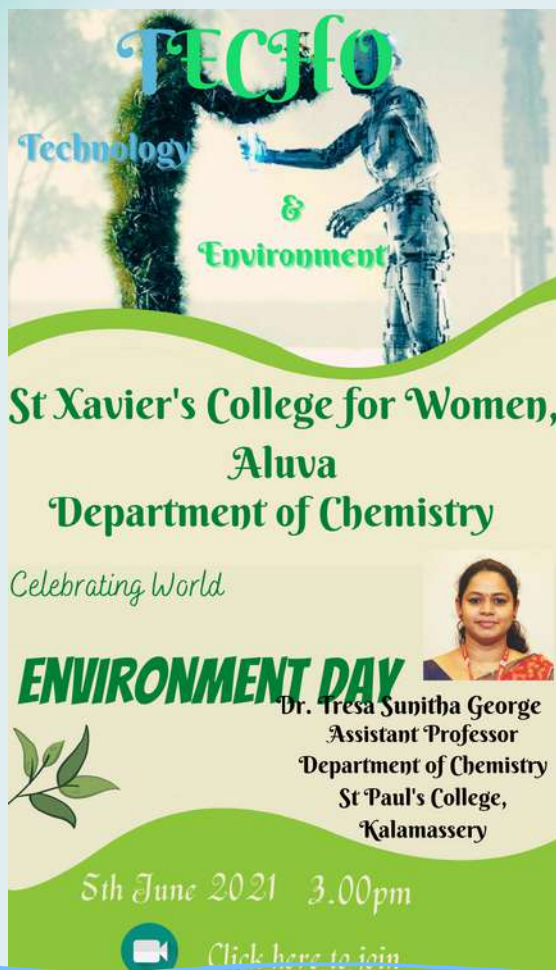
University Rank Holder

Dr. Sheena Xavier
Former HOD
Department of Physics


Rini Simon
3rd Rank

It was done by Priya Mary Chacko,
Scientific officer(biology) State
forensic science laboratory on 28th
August 2021



WEBINARS




'TECHO'

A webinar on technology & environment by Dr. Tresa Sunitha George, Assistant Professor, St. Paul's College, Kalamassery.

'INNOVATIONS IN CHEMISTRY'

'Innovations in chemistry' Webinar by Dr Sr. Stella K.A on 12th June 2021 to inculcate an inquisitive mind in Chemistry students for innovations.

The Impact of Light in Chemistry and its applications




ST. XAVIER'S COLLEGE FOR WOMEN, ALUVA
Affiliated to Mahatma Gandhi University, Kottayam
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International Webinar on
'The Impact of Light in Chemistry and it's Applications'

On 4th December 2021 at 10 am
Organised By
The Department of chemistry

Click here for free registration <https://forms.gle/QRAsozEB78hRi0TK8>

Resource Person



Dr. Sumesh Babu Krishnan
Postdoctoral Fellow
Chemistry and Biochemistry
Florida State University, Florida
United States
E-mail: sumeshbabukche@gmail.com


Coordinators: Dr. Athira K. J.
Dr. Newly Joseph (HOD)
Student Coordinator: Santy Sebastian
Joint Coordinators: Sr. Stella K. A.
Ms. Asmy Antony
Dr. Daly kuriakose
Ms. Vincy Magdalene N.W.
Dr. Jesna A.

Platform: Google meet <https://meet.google.com/hbfjgts-deo?time=122&authuser=0>

“ The Impact of Light in Chemistry and its applications "webinar by Dr. Sumesh Babu Krishnan, Post-doctoral fellow , Chemistry and Biochemistry, Florida State University, Florida, United States on 4th December 2021

Hb & Mb


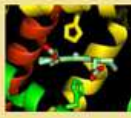
Webinar on haemoglobin and myoglobin and their role in biological system by Ms.Sharminaz C. S in connection with the alumni talk series of the college.



St.Xavier's College for Women ,Aluva
Department of Chemistry
presents webinar on



' Haemoglobin & Myoglobin and their role in biological system '

on
30 Jan 2022 at 3p.m
by



Ms. Sharminaz C.S
Alumnae
St.Xavier's College for Women ,Aluva

Join us through : <https://meet.google.com/hz-fha-stm>



ASPECTS OF CHEMISTS IN SPAIN AND
INTERVIEW OF CULTURE - INDIA VS SPAIN

04/02/22 - FRIDAY
12:30 PM TO 1 PM

RESOURCE PERSONS



ALBA MARIA CARRION ESCUDERO.

BIOCHEMISTRY, UNIVERSITY RESEARCH
SUPPORT TECHNICIAN, CASTILLA LA
MANCHA, SPAIN.

MASTER'S DECREE IN TEACHING
SPECIALIZING IN PHYSICS AND
CHEMISTRY
MASTER IN ENVIRONMENTAL
SUSTAINABILITY



MS. JIFNA JOHN

ADMIN EXECUTIVE
ASECEEM GROUP, CASTILLA LA
MANCHA, SPAIN.

INDIA VS SPAIN

Interaction session with
Alba Maria Carrion
Escudero on prospects of
Chemistry in Spain

CHEMISTRY & CAREER

Webinar on Career prospects
in chemistry and skills
required to achieve it by
Dr. Newly Joseph HoD
Department of Chemistry, St
Xavier's College for Women
Aluva on 27th Nov 2021





WORK SHOPS AND TRAINING PROGRAMMES

Platform to discover new skills.....

St Xavier's College for Women,
Aluva
Department of Chemistry
{Peer teaching programme}

Workshop On
PAPER BAG AND CLOTH

 12/07/21
2.00 - 3.00

By Shilpa Mary
11 Dc chemistry
St Xavier's College for
Women, Aluva


@ Google meet
[Click here to join us](#)

PAPER BAG AND CLOTH BAG MAKING

Workshop on paper
bag and cloth bag
making organized by
Silpa Mary of I DC
Chemistry


COMPUTATIONAL CHEMISTRY

Workshop on
Computational
Chemistry by
Anjana saji
,former student

 **ST. XAVIER'S COLLEGE FOR WOMEN, ALUVA**
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AFFILIATED TO MAHATMA GANDHI UNIVERSITY, KOTTAYAM, KERALA

DEPARTMENT OF CHEMISTRY
ORGANISES
ADD ON COURSE
COMPUTATIONAL CHEMISTRY
28/12/2021
10 A.M
@ google meet
RESOURCE PERSON: ANJANA SAJI
Former student
St.xavier's college, Aluva

<https://meet.google.com/kbj-vzry-oi>

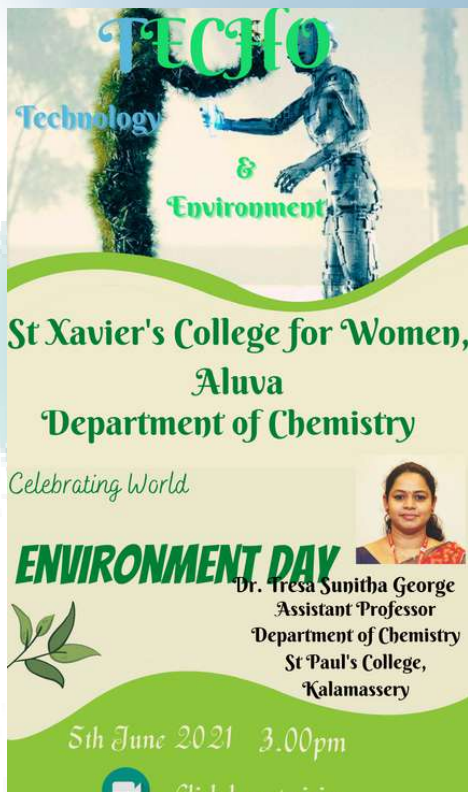


**OBSERVANCE OF
DAYS OF NATIONAL
AND INTERNATIONAL
IMPORTANT**



WORLD ENVIRONMENT DAY

World Environment Day, 5th June 2021 was celebrated by organising a webinar on “TECHO”-Technology & Environment by Dr.Treasa Sunitha George,Assistant Professor ,St.Paul’s College, Kalamassery



HUMAN RIGHTS DAY

Human Rights Day by making posters and cartoons



WORLD OZONE DAY

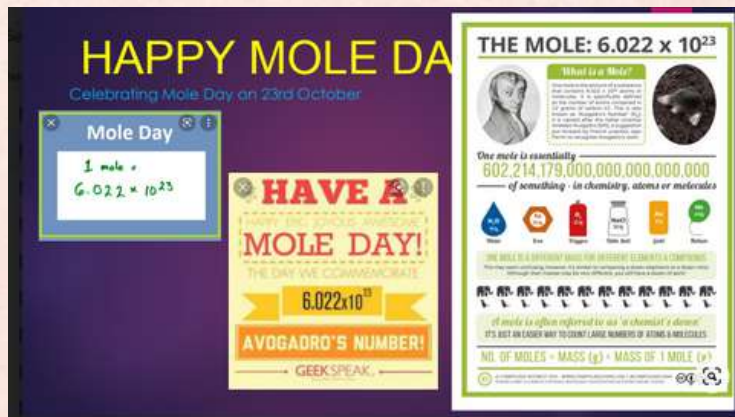
A National level Quiz was organised on World Ozone Day,16th September 2021,the International day for the preservation of Ozone and 348 members participated in it.

National Level Quiz on World Ozone Day 2021
Organized by Department of Chemistry, St. Xavier's College for Women, Aluva.
All questions are compulsory. You will receive a e-certificate if your score is above 90%

Email *
Valid email address
This form is collecting email addresses. [Change settings](#)

Name
Short-answer text

Name of Department *
Short-answer text



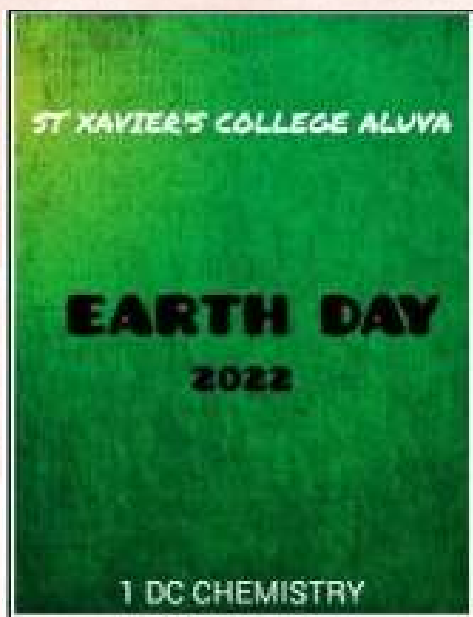
MOLE DAY

Mole day was celebrated on 23rd October by posting video and online quizzes



NATIONAL POLLUTION CONTROL DAY

National pollution day was celebrated on 2nd December



EARTH DAY

Earth day was celebrated on 24th April 2022 by making a YouTube video on impacts of pollutants on environment



AIDS DAY

Aids day was celebrated on 1st December by creating awareness video about aids

CHEMICO'S

ACTIVITIES



"PLANT A TREE WITH US"

All the teachers and students of the department planted a tree on 5th June 2021 under the XaV Care Green initiative Scheme

DEPARTMENT OF CHEMISTRY

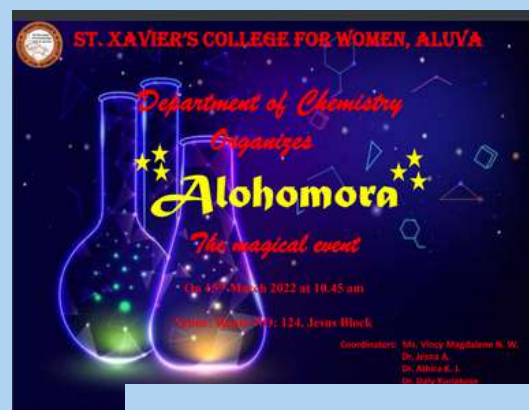
JUNE-5 WORLD ENVIRONMENT DAY

Reimagine, Recreate And Restore Ecosystems



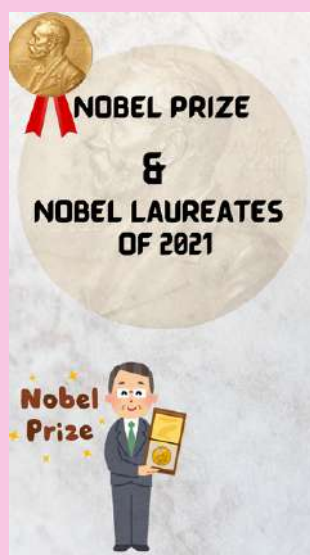
"ALOHOMORA"

Chimie magic show -exhibition to school students of SNDP and ST.Marys



NOBEL PRIZE & NOBEL LAUREATES

E-magazine of noble laureates of 2021 was published.



THE NOBEL PRIZE IN PHYSICS 2021

Syukuro Manabe Klaus Hasselmann Giorgio Parisi

“for the physical modelling of Earth’s climate, quantifying variability and reliably predicting global warming”.

“for the discovery of the interplay of disorder and fluctuations in physical systems from atomic to planetary scales”.

Seminar on Integrated Approach of Science and Technology for Sustainable future in connection with National Science day
By Aneena Raphael

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AFFILIATED TO MAHATMA GANDHI UNIVERSITY, KOTTAYAM, KERALA

Department of Chemistry organises a Seminar on:

INTEGRATED APPROACH OF SCIENCE AND TECHNOLOGY FOR SUSTAINABLE FUTURE

CONNECTION WITH NATIONAL SCIENCE DAY
FEB 28 2022

VENUE : St.FRANCIS HSS FOR GIRLS,ALUVA

Presented by:

ANEENA RAPHEL
St.Xavier's College for Women, Aluva



"SAY NO TO DOWRY"

Poster competition conducted by Dept of chemistry on 25th Nov and observed international day of atrocities against women



ENGLISH CUISINE

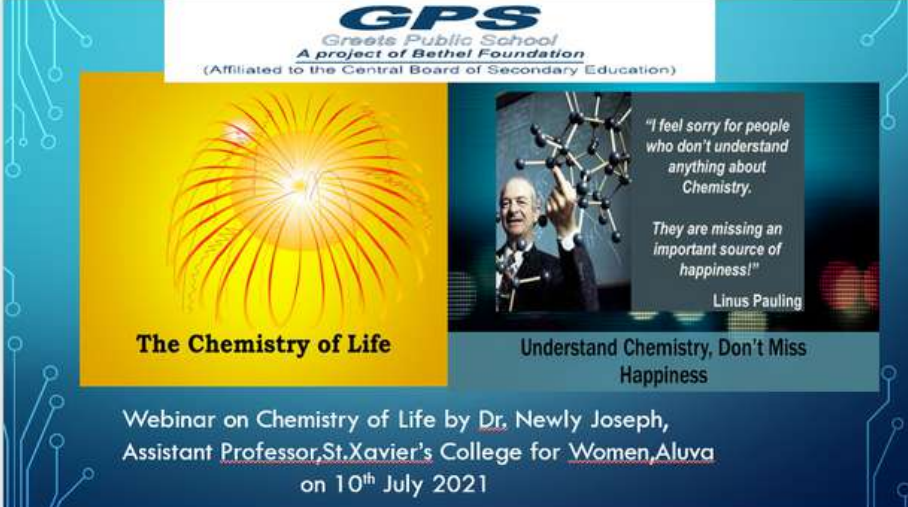
English breakfast exhibition on collaboration with English department-English cuisine on 11th march 2022



Aluva, Kerala, India
4975+6HC, Bridge Rd, Periyer Nagar, Aluva, Kerala 683101, India
Lat 10.111333°

'CHEMISTRY OF LIFE'

Dr. Newly Joseph, assistant Professor, Department of Chemistry was resource person to the webinar organised by Greet Public School on 'Chemistry of Life' -Academic Extension Programme on 10th July 2021



GPS
Greet Public School
A project of Bethel Foundation
(Affiliated to the Central Board of Secondary Education)

The Chemistry of Life

"I feel sorry for people who don't understand anything about Chemistry. They are missing an important source of happiness!"
Linus Pauling

Understand Chemistry, Don't Miss Happiness

Webinar on Chemistry of Life by Dr. Newly Joseph, Assistant Professor, St. Xavier's College for Women, Aluva on 10th July 2021

'CAREER GUIDANCE'

Career Guidance Webinar by Newly Joseph & Asmy Antony K.A, Asst Professors, St. Xaviers College for women, Aluva with IQAC team on 13th, 16th, 19th and 26th June 2021

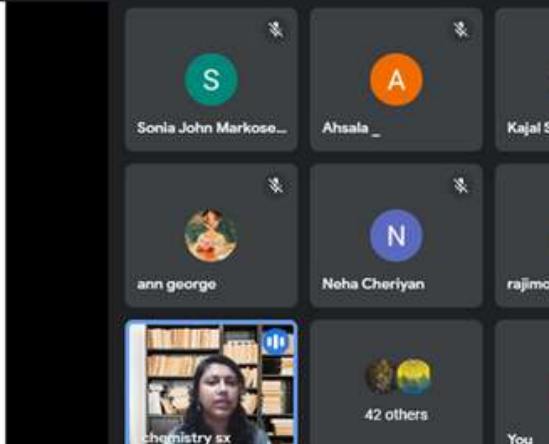


B.VOC DEGREE IN CULINARY ARTS AND HOSPITALITY MANAGEMENT

ABOUT THE COURSE:
It is a 3-year and 6-semester programme in a three-semester pattern of 3 semesters which begins the student in the study of food science and service with theoretical & practical aspects. The program is divided into three semesters and includes the development of the student's personality, including the student's professional skills to meet the requirements of the food and service industry. The course will provide students the opportunity to develop their skills in the field of Culinary Arts, Bakery, Beverage, Food Service, and Hospitality Management. The course will also provide students the opportunity to develop their skills in the field of Culinary Arts, Bakery, Beverage, Food Service, and Hospitality Management. The course will also provide students the opportunity to develop their skills in the field of Culinary Arts, Bakery, Beverage, Food Service, and Hospitality Management.

ADMISSION OPEN

FOR FURTHER DETAILS: info@iqac.in | www.iqac.in



Zoom Meeting Interface showing a grid of participants:

- Sonia John Markose...
- Ahsala_
- Kajal Sa
- ann george
- Neha Cheriyan
- rajimoh
- chemistry sx
- 42 others
- You

XAVIERIAN QUEEN

Xavierian queen competition was held on 3rd December 2021 and students from the Chemistry department Participated



ETHNIC DAY

Ethnic Day was celebrated on 8th March 2022 and Chemistry department Participated in the rally competition



INNOVATIVE GREEN PROJECTS



Phytochemical Analysis, Molecular Docking studies and Anti-diabetic Activity of Lakshmi taru (Simarouba glauca)

Rate of inhibition of corrosion by Moringa oleifera, Murraya koenigii and Simarouba glaucat of body text



Green synthesis of iron oxide nanoparticles using kaffir lime leaves



TIME TO
Celebrate



FRESHER'S DAY



Students from I DC and II DC
participated in different
programmes for freshers day



Teacher's Day

A teacher is like candles who
spend whole life
in giving lights to many
students.



The students facilitated
and showed gratitude to
all the teachers of the
department on 05th
September through an
online meet

കേരള പിറവി



Kerala piravi was celebrated on 1st November 2021



DEPARTMENT OF
CHEMISTRY PRESENTS

പടിയിറക്കം

Farewell Party conducted by
3rd DC B.Sc Chemistry students

MARCH 21, 2022 | 10:30 AM

At 3rd DC Chemistry Class room



ST.XAVIER'S COLLEGE FOR WOMEN , ALUVA
Bsc. CHEMISTRY 2019 - 2022 BATCH





ACHIEVEMENTS

SAMRAMBHAK MITHRA

The Technical Panel of Samrambhak Mithra has selected 3 of the Ideas proposed by students of department of Chemistry to the third phase of the Idea Challenge-2021.



Kadheeja Shajahan

Extraction of oil from curry leaves and their berries - product name : bayas

Nutricion



Santy Sebastian

Aloe glow



Goury Vinod

Polution - control dust bin



Aneena Raphael of IIIDC Chemistry received third prize in online PPT presentation competition conducted by Sacred Heart College Thevara in connection with National Science Day on 28th Feb 2021

khadeeja Shajahan of II DC Chemistry was finalist in kerala start up missions and chalo india idea contest.



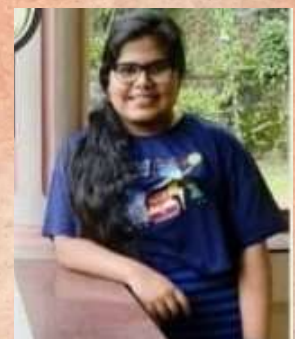
Silpa Mary Received third prize for Malayli manka

Santy Sebastian received first prize for cooking competition organised by NSS unit of St Xavier's College for Women Aluva



Merin Joyce received second prize for cooking competition organised by NSS unit of St Xavier's College for Women Aluva

Rency S Joseph received second prize for flower carpet competition organised by NSS unit of St Xavier's College for Women Aluva





CONGRATULATIONS S AND A+ HOLDERS



Megha K A
S



Nancy P S
A+



Elizabeth Kurian
A+



Anna Mariya Peter
A+



Anu Paul
A+



Anjana Unnikrishnan
A+



Aaliya Fathima K N
A+



Aneena Raphael
A+



Sahala Nasrin P A
A+



Shima Shanmugan
A+