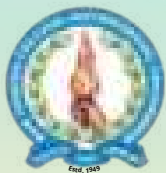
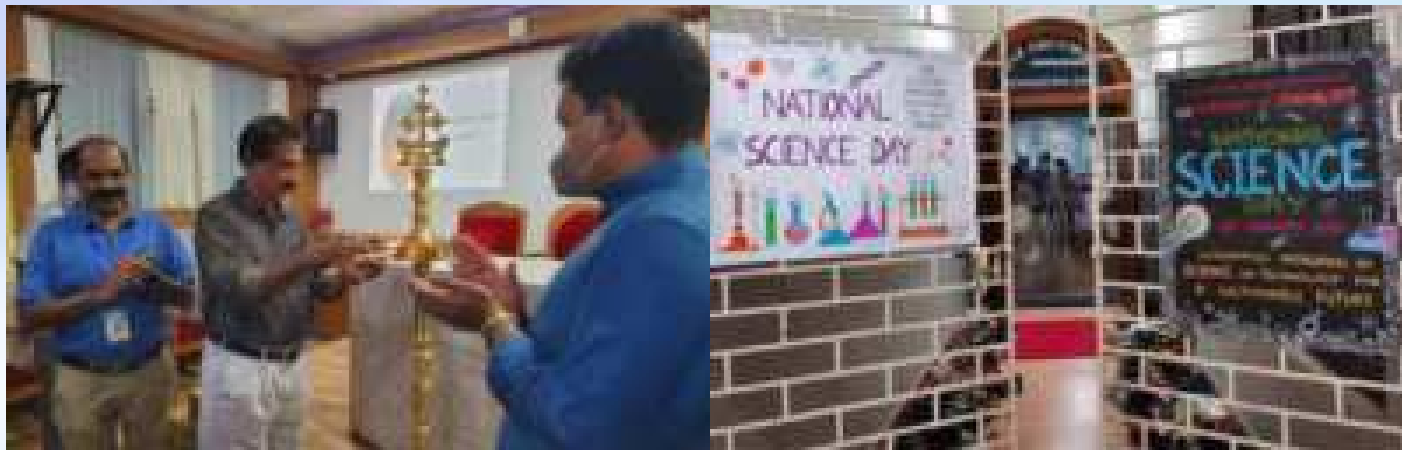
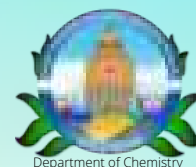


CHEM LETTERS



PG and Research Department of Chemistry
Mar Ivanios College (Autonomous), Thiruvananthapuram
March 2022, Issue 1



From the Editor's desk -

"Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less". The echo of confidence, determination, and hope in these words of Marie Curie, the Nobel laureate should inspire the entire humanity in the current global crisis caused by the Pandemic and the consequent economic crisis.

The opportunities showered upon humanity during the course of this pandemic are plenty. Sensible personalities never hesitate to take lessons from them. The crisis has helped the world to identify the

inefficiencies in healthcare and hospital systems and ways to improve it. We have learned to employ modern technology such as remote work, virtual meetings, telemedicine, resource planning etc. The masks have now become a part of our identity. We consider 'Spectrum'- The Department Association as one such beautiful opportunity, which has been a guiding factor in keeping the spirit of students and the Department in these difficult times. Even though students were locked up in their rooms, nothing stopped them from organising a wide range of online programs including interdepartmental, intercollegiate competitions, onam celebrations, etc. As the faculty advisor of the second year students, I am so proud to testify that my students were instrumental in organizing such excellent initiatives even in this time of adversity and hardship. A big thank you to Alfin Koshy and Akhil Jose from UG 2nd Year for making **Chem Letters** happen. I take this opportunity to thank Dr. Suju C Joseph, Head of the Department for his guidance and encouragement throughout this year and I also thank the faculty of Department of Chemistry for their healthy suggestions never ending support.

There is no better way to conclude the activities of the SPECTRUM association for this academic year than by the release of this newsletter, entitled '**Chem Letters**' which records the various activities and achievements of the Department of Chemistry during 2021-22. This is not a just a document but *a letter from the Department of Chemistry* which shares the love, joy and harmony that we enjoyed as a family during the year of pandemic.



Dr. Sony George

National Science Day Celebrations

National Science Day is celebrated every year on February 28 to mark and recognize the contributions of scientists towards the development of the country. On this day, in 1928, Indian Physicist Chandrasekhara Venkata Raman made an important discovery in the field of spectroscopy, which was later named after him - the Raman Effect. This year, the theme of National Science Day 2022 was 'Integrated Approach in Science and Technology for Sustainable Future'. The Department of Chemistry celebrated the National Science day with a plenary lecture by Prof. Dr. Hubert Joe, Department of Physics, University of Kerala on the topic 'Raman Spectroscopy and its applications'.

Scientific Symphoria

Webinar Series

Covid-19 Pandemic has brought about a sudden shift from seminars to webinars, and the department of chemistry also embarked on organizing a series of webinars entitled '**Scientific Symphoria**'. Symphoria is a word for a collective sound which excites and quenches your appetite for music. And we titled the webinar series as **Scientific Symphoria**. It was aimed as a collection of discussion of scientific topics in order to share the cutting-edge research knowledge among our students, research scholars and faculties. The webinar was structured as talks by eminent scientists and faculty from different institutes consisting of presentation for about 45-50 minutes followed by a discussion among audience for 5-10 minutes.

The webinar was commenced with an inaugural lecture by Prof. V M Biju of Hokkaido University, Japan and was inaugurated by the Principal Dr. Georgee KI on 30th of May 2020. We have successively organized a series of lectures in the following months on multiple topics, by eminent personalities from abroad as well as from India. It was a grant success, and we could make people from multiple streams to participate with an ample discussion among participants. After arranging 6 lectures in 2020, we continued the same in the next academic year also with 4 more lectures each in every month. The list of lectures are given below.

1. **Dr. Vasudevan Biju** (Director, Promotion of International Alliance & Professor of Chemistry, RIES, Hokkaido University, Japan). "Semiconductor Nanocrystals: The promises and challenges in the Nanoworld". 30-may-2020



2. **Dr. Deepalekshmi Ponnamma** (Research Associate, Centre for Advanced Materials, Qatar University, Qatar). "Polymer Nano Composites and their Applications". 22-july-2020

3. **Dr. K.B. Rameshkumar** (Senior Scientist, KSCSTE-JNTBGRI). "Diversity of phytochemicals and their role in COVID-19 management". 25-August-2020.

4. **Dr. C Subramaniam** (Assistant Professor, Department of Chemistry, IIT, Bombay). "Nanocarbons: From Forest to Flowers". 23-September-2020.

5. **Dr. B. Sabulal** (Principal Scientist & Head, Phytochemistry and Phytopharmacology Division, JNTBGRI). "Chemical Ecology: The Language of Nature". 30-October-2020.



6. **Dr. Binil Kandapallil** (Materials Process and physics Engineer, Chemical Technology Division, Boeing Research and Technology, South Carolina, USA). "Quantum Dots for in vitro and in vivo applications". 28-November-2020

7. **Dr. S Renjith** (Scientist, SCTIMST). "Surface Characterisation techniques". 12-May-2021

8. **Dr. Kuruvilla Joseph** (Outstanding Professor and Dean, IISST, Trivandrum). "Research & Career opportunities in Chemistry-CHEMILUMINESCENCE". 02-june-2021.

9. **Dr. Subi Jacob George** (Shanti Swarup Bhatnagar Awardee-2020, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore). "Bioinspired Dynamic Materials". 17- September-2021

10. **Dr. K.B. Rameshkumar** (Senior Scientist, KSCSTE-JNTBGRI). "Herbal Technology Start ups-Scope for future India". 07-January-2022.



Message from HoD

It gives me immense pleasure in presenting the Mar Ivanios College "Chem Letters" which is an authentic record of the various activities and achievements of the Department of



Dr. Suju C Joseph

Chemistry Mar Ivanios College in the academic year 2021-'22. The motto of our department is to provide quality, skill-based education. The broad impact of Chemistry on Society can be found in its great contributions towards improving health, environmental sustainability, identifying alternate renewable sources of energy and in its greater contributions to a competitive industrial growth of our Nation. When such an important subject is being dealt, the Department has the great responsibility for training young minds to bring out the best possible in them to fulfil the needs of our Society.

This academic year we faced several challenges due the ongoing pandemic. However, teaching and learning were enabled leveraging the online platforms during the lock down period. It was a relief when we were able to switch to direct classes towards the end of the academic year. Therefore, teaching and learning processes were carried out in a "blended mode" in this academic year. The "Scientific Symphoria" series of online lectures organized

by the Department of Chemistry added to the academic brilliance of the students. The Certificate Course on Phytochemistry and the Diploma Course in Pharmaceutical Chemistry also helped to enrich the academic skills of the students. Several literary programmes were organized by the Chemistry Association and the winners were rewarded, thereby naturing the inborn talents of the students. All auspicious days were celebrated to create an awareness of that particular day enabling students to grow up as responsible citizens of our Nation. Several extension/out reach programmes were also organized by the Chemistry Association. Let me whole heartedly thank His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos, Patron & Manager of our College for the leadership, blessings and Fatherly affection shown to us. Also thank Rt. Rev. Msgr. Mathew Manakarakavil Corepiscopo, former Principal and Chief Vicar General, Major Archdiocese of Trivandrum for the motivation and encouragement. We thank the Principal Prof. (Dr) Jijimon K. Thomas; Bursar Rev. Fr. Joshua Kochuvilayil; Associate Bursar Rev. Fr. Soji Mathew Murupel for their support, guidance, cooperation and encouragement. Also thank the Vice-Principals Dr. Shirley Stewart, Dr. Cherian John and the Dean of Studies Rev. Dr. Gigi Thomas for their support, guidance and encouragement.

I, congratulate the esteem team of Faculty members and the students at the Department of Chemistry for their brilliant and original efforts in making this academic year a grand success amidst various challenges and hurdles. Specially applaud the hard work and determination of Dr Sony George, Faculty Coordinator, Chemistry Association for taking up the great initiative to publish this newsletter. Efforts of Ms. Sona Sahiba, Secretary, Chemistry Association and other student representatives are also appreciated. I wish all the Students and my Faculty Colleagues a great academic career.

Advisory Board

His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos

Patron and Manager

Major Archbishop- Catholicos of the Malankara Syrian Catholic Church

Rt . Rev. Msgr. Mathew Manakarakavil Corepiscopo

Former Principal, Mar Ivanios College

Chief Vicar General, Major Archdiocese of Trivandrum.

Dr. Jijimon K Thomas

Principal, Mar Ivanios College

Rev. Fr. Joshua Kochuvilayil

Bursar, Mar Ivanios College

Dr. Shirley Stewart

Vice Principal, Mar Ivanios College

Dr. Cherian John

Vice Principal, Mar Ivanios College

Rev. Dr. Gigi Thomas

Dean of Studies, Mar Ivanios College

Rev. Fr. Soji Mathew Murupel

Associate Bursar, Mar Ivanios College



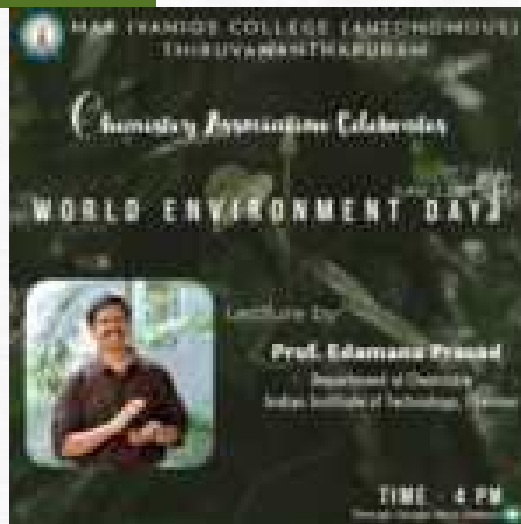
Spectrum-

THE DEPARTMENT ASSOCIATION ACTIVITIES

World Environment Day Lecture

1

In connection with the World Environment Day (June 5), Chemistry Association, Department of Chemistry, Mar Ivanios College organized a lecture by Prof. (Dr.) EDAMANA PRASAD, Department of Chemistry, IIT Madras. The event started at 4 pm with a prayer song, followed by the Presidential address by Dr. Suju C Joseph (HoD).



2

PUSTHAKAPORUL

As part of World Reading day (June 19), Chemistry association organised an Interdepartmental Book review competition. It had over 32 entries in English and Malayalam categories, from all the departments. This book review competition was judged by M Prasad, Writer and Orator. HSST English Govt. VHSS, Eravunkara



3

READY TO ROLL

On June 20th, an Intercollegiate Promovideo making competition was organized by the association on the topic COVID SUPERHEROES. We had around 50 participants from various colleges inside and outside kerala. This competition was judged by Nidhin Raj Arol (Film editor).

4

VAAKPORU

An Intercollegiate Debate competition on the topic "Which is more important creativity or knowledge?" was conducted on 20th June. There was participation from many colleges in Kerala. The competition was judged by Ms. Rudra Chandran, Assistant Professor, Mar Gregorios College of Law, Trivandrum.

Spectrum-

THE DEPARTMENT ASSOCIATION ACTIVITIES

Inauguration of Chemistry Association- 'Spectrum'

5

Inauguration of the Chemistry Association- 'Spectrum' took place on 26-06-2021 via online mode. **Dr. Radhakrishnan KV**, Senior Principal Scientist and Head, Organic Chemistry Division, CSIR-NIIST, Trivandrum was the Chief guest of the function. He inaugurated the association activities for 2021-22 and also delivered the Keynote address. Dr. Jijimon K Thomas, Principal, graced the occasion with his inspiring message and also released the official logo of Chemistry Association. The meeting was presided over by Dr. Suju C Joseph, Head, Department of Chemistry. The inaugural session was followed by cultural programs by the students.



6

ONAPOORAM

The Chemistry Association- Spectrum organized an online Onam celebration on 24th August at 10:30 am which was inaugurated by the Principal Dr. Jijimon K. Thomas. Renowned writer & Eminent Scholar Professor **Dr. George Onakkoor** and famous South Indian actress & Kerala State Award Winner **Ms. Priyanka Nair** were the Guests of honor.



7

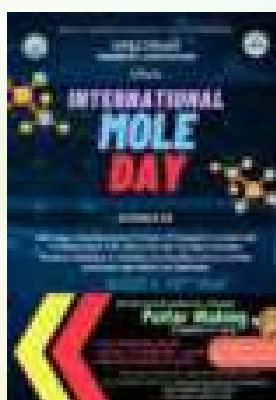
GURUVANDHANAM

As India celebrated Teachers Day to mark the birthday of country's former President, and Bharat Ratna awardee, Dr Sarvepalli Radhakrishnan, the students of Chemistry Association "Spectrum" organized an online meeting at 3 pm to show their love and honor to the respected faculties of the Chemistry Department.

8

INTERNATIONAL MOLE DAY

It is the day celebrated on October 23rd, between 6:02 am and 6:02 pm making the date 10/23 in the American style of writing dates. The time and date are derived from the Avogadro number which is 6.02×10^{23} defining the number of particles (atoms or molecules) in one mole (mol) of substance. To mark the celebrations, association organized an interdepartmental poster making competition for the students.



Christmas Celebration



The Chemistry Department organized a Christmas celebration for the year 2021 on 23rd December in the third year UG class classroom. The meeting started with a prayer song. Head of the Department of Chemistry Dr. Suju C. Joseph delivered the keynote address. Principal, Dr. Jijimon K Thomas, the Vice-Principals- Dr. Shirley Stewart and Dr. Cherian John and Associate Bursar Rev. Fr. Soji Mathew Murupel were also present for the meeting. The students sang Christmas carol songs, followed by a variety of cultural programs.



Snehaveedu Visit

In the afternoon, Teachers and students visited the inmates of Snehaveedu with Christmas cakes and spent time with them along with cultural events. As a Christmas gift we handed over to them money collected among the students and teacher community as a Christmas gift. The Christmas celebration, which brings peace and tranquility, ended in the evening



BOS Meeting

BoS meeting was held on 24-03-2022 presided over by Dr. Suresh Das, Professor, IISER Thiruvananthapuram. In the meeting UG and PG results, Syllabus revision of the UG Core & complementary syllabi (2022 admission onwards) and syllabus of new Certificate Courses were discussed.



Farewell Function



The Department organized a farewell function on 23-03-2022 to facilitate the College Office Superintendent, Sri. Shajimon G and Sri P. Babu, Lab Assistant, Department of Chemistry as both of them are retiring in May 2022

Farewell to UG S6 Batch (2019-22)

On 22-03-2022, UG S6 Batch arranged a social as they will be bidding farewell to the college this academic year. The gathering was presided over by Dr. R Selwin Joseyphus, in the presence of Dr. Suju C Joseph, HoD of Chemistry and Rev. Fr. Soji Mathew, Associate Bursar of Mar Ivanios College.



Industrial Visit



On 18th March 2022, UG S6 students (2019-22), accompanied by their Faculty Advisor Dr. R. Selwin Joseyphus, Dr. Sonia Mol Joseph and Dr. Rabin Rajan J M, and Mr. Antony (lab assistant) visited Travancore Titanium products Ltd, Kochuveli as part of their industrial visit. Brief outline introduction about the industry's was given by trainee expert. After that, the students were taken for plant visits in two batches. The Industrial visit helped the students to understand the production and manufacturing processes of Titanium dioxide

LITTLE MOMENTS, BIG
MEMORIES



New Certificate Course

Diploma Course in Pharmaceutical Chemistry is offered by the Department from 2021-22 academic year onwards. 50 students were enrolled in the course. Dr Suju C Joseph, HoD is the coordinator of this course



Felicitation gathering



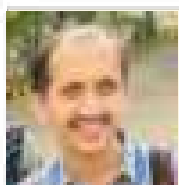
On 24 th March, the Faculty of Department of Chemistry gathered to felicitate Prof. Suma P Oommen, the former Head of the Department for her dedicated service to the academic world from 1989-2021.

Women's day Celebration

In view of Women's day celebrations (8th march), Department of Chemistry honoured the lady teachers in the department- Dr. Suja Mathai, Dr. Sonia Mol Joseph, Ms. Binimol Mary Mathew and Dr. Niecy Elsa Mathews



New Faces



Dr. Narayan Gopinathan

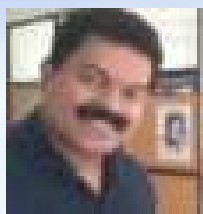
Dr. Narayan is an alumnus of Mar Ivanios College. He did his PhD from NIIST, Trivandrum under the guidance of Dr. Suresh Das. He worked as a scientist in Piramal Health care, Mumbai (2007-20) and New product development, Septalyst Lifesciences, Mumbai (2020-21). He is interested in the area of green chemistry.

Dr. Niecy is an alumnus of Mar Ivanios College. She did her PhD from Department of Chemistry, University of Kerala, Kerala under the guidance of Dr. K Mohanan. Her area of research is Inorganic metal complexes.



Dr. Niecy Elsa Mathews

Faculty Achievements

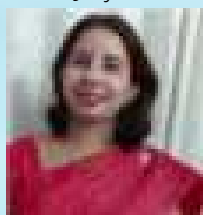


Suju C Joseph and Ratheesh S Nair (2021). Synthesis of Chalcones by Claisen-Schmidt reaction: Study of the antioxidant property of Cinnamal acetophenone. International journal of Life Sciences and Pharma Research, Vol 12, pp 47.

Suju C Joseph and Ratheesh S Nair (2021). Evaluation of the antioxidant property of 4,6-Diphenylpyrimidine-2-Thione'. International journal of Life Sciences and Pharma Research, Vol 12, pp 63

Dr. Suju C Joseph delivered an invited lecture on 'Nanomedicine- The Next generation therapeutics' in the International Conference on Nanoscience and nanotechnology of Bio polymeric systems jointly organized by MG University, Kottayam and University of Guelph, Canada on 28 th March, 2022.

Dr. Suju C Joseph inaugurated MSc Chemistry with Drug design Course of St. Joseph's College, Alappuzha on 22nd July 2021



Dr. Suja Mathai published a book chapter entitled 'An Efficient Electrochemical Approach for the Characterization of Interfacial Strength of Nano Titania-silica Composite Coating on Titanium Implants' in Current Advances in Chemistry and Biochemistry, Vol 9, Pages 50-61, BP International London ISBN: 978-93-91312-23-7, 2021.

Dr. Suja Mathai. Different Coating Methods of Titanium Dioxide on Metal Substrates for Orthopedic and Dental Applications: A Review. Asian Journal of Chemistry; Vol. 34, No. 1, 9-17, 2022

Dr. Suja Mathai. The Role of Zamzam Water in Enhanced Apatite Growth - An In Vitro Study. Acta Scientific Pharmaceutical Sciences (ISSN: 2581-5423): Volume 5: Issue 9, 33-36, 2021

Dr. Suja Mathai presented research article entitled "Development and Characterization of Conductive Bioactive Polymeric Nanocomposite Coatings for Orthopedic Implants" at the International Conference on Polymeric Material in Medicine 2022 held in a virtual mode from 25-26 February 2022



R. Reshma, **R. Selwin Joseyphus**, D. Arish, R. Jaya, J. Johnson (2021). Tridentate imidazole-based Schiff base metal complexes: Molecular docking, structural and biological studies. Journal of Biomolecular Structure and Dynamics, 1-13.

L. John, **R. Selwin Joseyphus**, I. H. Joe, D. Arish, M Vibin (2021). Protein binding and cytotoxicity activities of glutamine based metal complexes. Journal of Molecular Structure 1240, 130540

R. Selwin Joseyphus, D. Arish, R. Reshma (2022). Heterocyclic ligated Co (II), Ni (II), Cu (II) and Zn (II) complexes for efficient photocatalytic and biological applications. Indian Journal of Chemistry Section A 61, 263-277.

Dr. R. Selwin Joseyphus delivered an invited lecture on 'Material Chemistry and its Characteristic Applications' in the International Conference on Smart Materials Chemistry, Department of Chemistry, St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu on July 30, 2021.

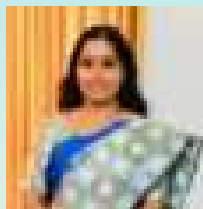
Sonia Mol Joseph and **R. Selwin Joseyphus** published a book chapter entitled 'Biomedical Applications of some Schiff Base Metal Complexes containing Imidazole/Thiophene Derivatives', in Current Advances in Chemistry and Biochemistry. Vol.9, pp. 42-48. BP International, London, ISBN: 978-93-91312-23-7. 2021

R. Selwin Joseyphus (2021) presented a paper on 'Facile synthesis and structural Characterization studies of Zinc oxide nanorods via Thermal decomposition method' in the National Webinar on Recent Advances in solid State chemistry and Allied Sciences. Central University of Kerala, Kasaragod.

Binitha S.D, **R. Selwin Joseyphus** (2022) presented a paper on 'Spectral Characterization and thermal study of biologically important Copper (II) Schiff base complexes' International Conference on Recent Advances in Materials and Radiation Measurements (RAMRAM 2022). SSN College of Engineering, Chennai, Tamil Nadu

PhD awarded

Reshma R (Assistant Professor, SN College Varkala) was awarded PhD (University of Kerala) , under the guidance of Dr. **R. Selwin Joseyphus** for the thesis entitled, 'Biomedical Activities of Some Schiff Base Transition Metal Complexes derived from Imidazole and indole derivatives' (December 2021).



Amala Dev and **Sonia Mol Joseph** (2021). Anticancer potential of Annona genus: A detailed review. Journal of Indian Chemical Society (Elsevier) 98 (12), 1-12.

Sonia Mol Joseph, Amala Dev (2021). Analysis of essential oil constituents of three Annona species growing in Kerala, India. International Journal of Research in Ayurveda and Pharmacy 12(5), 45-48.

Sonia Mol Joseph, Amala Dev (2021). Comparative GC-MS profile and antioxidant activity of

Annona glabra and Annona reticulata leaf essential oil from South India. International Journal of Ayurvedic and Herbal Medicine 11(3), 3961-3966.

Soniamol Joseph and R. Selwin Joseyphus (2021) published a book chapter entitled 'Biomedical Applications of some Schiff Base Metal Complexes containing Imidazole/Thiophene Derivatives' in Current Advances in Chemistry and Biochemistry. Vol.9, pp. 42-48. BP International, London, ISBN: 978-93-91312-23-7.

Dr. Sonia Mol Joseph delivered a lecture on 'Encapsulation of Plant Essential Oils: Scope for Developing Natural Bio-Preservatives', Science Club Inauguration, All Saint's College, Thiruvananthapuram, Kerala, March 25, 2022.

Dr. Sonia Mol Joseph delivered a lecture on 'Recent Developments of Molecular carriers in Phytochemistry', International Conference on Smart Materials Chemistry, Department of Chemistry, St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, July 30, 2021.

Dr. Sonia Mol Joseph was an External Expert in the Plant Project Interview for the selection of Junior Research Fellows at KSCSTE-JNTBGRI on December 17, 2021.

Sonia Mol Joseph, Amala Dev (2021) presented a paper on 'Chemical profile and antibacterial activity of peel essential oils from two Citrus species growing in Kerala'. Proceedings of International Webinar on Phytochemistry – Impacts and Applications 22, ISBN: 978-81-951912-5-3.

Sonia Mol Joseph, Amala Dev (2021) presented a paper on 'GC-MS Analysis of the Ripe Fruit Essential oils of Citrus maxima and Citrous aurantifolia growing in Kerala'. Proceedings of international Virtual Conference on Frontiers in Chemical Sciences 176-177, ISBN: 978-89-98472-36-5.



Dr. Rabin Rajan J M delivered a lecture on 'Introduction to Astrochemistry', as part of Association Inauguration, Department of Chemistry, All Saints College, Thiruvananthapuram, August 08, 2021.

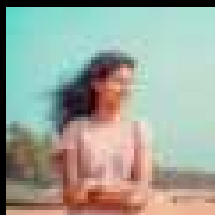
Dr. Rabin Rajan J M delivered a lecture on 'Cryo-catalysis and its relevance in Interstellar Chemistry', Astrochemistry Early Career Researcher's Webinar organized by Physical Research Laboratory, Ahmedabad, September 09, 2021.

Dr. Rabin Rajan J M delivered a lecture on 'Understanding Molecules through Mass Spectrometry', Curriculum Enrichment Programme Series, Department of Chemistry, Sree Sankara Vidyapeetom College, Perumbavoor, October 09, 2021.



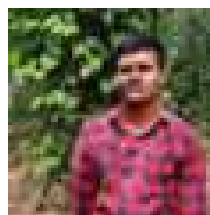
STUDENT ACHIEVEMENTS

Top ranks in Joint Admission Test (JAM).



Honey John (UG S4)

- 2021-22 Kerala University Inter collegiate athletic meet. 1st position in Long Jump and 2nd position in 100 m



Akshay C P (UG S6, 2019-22)

I wish to join IISER, Trivandrum for my PG and Phd (Organic Chemistry). I want to become a teacher and ignite fire in the minds of students. "Live your dream, because If you a Can dream it, You can do it."



Jyothika (UG S6, 2019-22)

This achievement is just a step towards my dream and still more to go. After completing my higher studies, I want to become a Teacher and fulfil my childhood ambition.



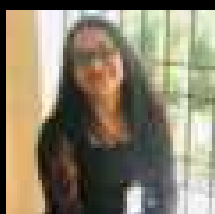
Amanchi Sai Venkat (UG S6)

- Member of Kerala University Cricket Team



Aina S Rachel (UG S6, 2019-22)

My ardent desire is to become a researcher. The aura of the scientific world experienced in Mar Ivanios College encouraged me to think beyond horizon like a bird whose wings are never clipped.



Sona Sahiba (UG S4)

- Elected as General Secretary of College Union (2021-22)



Asha K Eapen (UG S6, 2019-22)

Qualifying IIT JAM was a dream come true moment for me. I wish to continue my MSc and Phd in Biochemistry and work in Pharmaceutical industry as a scientist. "All our dreams can come true, if we have the courage to pursue them"



Irene Maria Francis (PG S4)

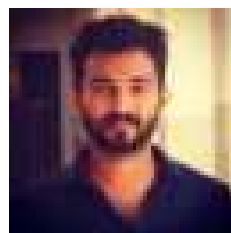
- Selected as Junior Management Grade 1 Officer (PO) in Federal Bank

Chemistry Alumni



Akhila Chacko (2014-17)

- Secured first rank in the KAS examination (second stream).



Sanjay K P (2016 -19)

- Qualified the UPSSC examination for the post of Asst. Commandant in CRPF

Adieu...



UG S6
2019-22

PG S4
2020-22



PG S4
2019-21

UG S6
2018-21





Art WALL



AKHIL JOSE
UG 2nd year



NANDHANA DAS R.S
UG 2nd year



SHAUN SHA SACHARIA
UG 2nd year



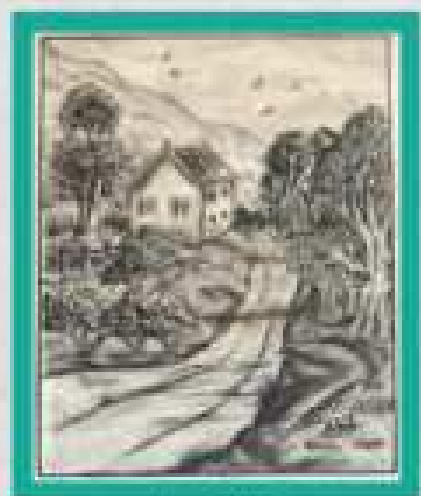
NANDHANA DAS R.S
UG 2nd year



MEKHA MARIAM VINCENT
UG 1st year



NANDHANA DAS R.S
UG 2nd year



AKHIL JOSE
UG 2nd year



SHAUN SHA SACHARIA
UG 2nd year



MEKHA MARIAM VINCENT
UG 1st year



AKHIL JOSE
UG 2nd year



The Department of Chemistry was established in 1957. The Chemistry Post Graduate course was started in 1964. A Research Centre in Chemistry was established in the College in 1976, with a view to promote research interests, both among the students and the teachers of the Department. Currently the Department offers Under-Graduate courses, Post- Graduate courses and research programmes. The Department is an approved research center for Chemistry under the University of Kerala. Chemistry is offered as a Complementary paper to the Under Graduate students of Physics, Botany and Zoology by the Department. From its inception, the Department has striven to set high standards of teaching and learning. The galaxy of eminent alumni bears ample testimony to the Departments excellence as a result of the hard work and dedication of a team of committed faculty members, guided by able administrators. The Department is a DST-FIST supported department. The department has produced several nationally and internationally renowned scientists and professors who are holding positions of high esteem. The Research Department is engaged in active research and conducts various research activities in the fields of solid state kinetics, biomaterials, electrochemistry, phytochemistry, pharmaceutical chemistry, synthetic organic chemistry and materials chemistry. Currently, the department has 8 Faculty Members, out of whom 5 are research guides. The Department has conducted several major and minor projects from various government agencies like the UGC, DST and CSIR. The Department provides consultancy services to IGNOU and undertakes projects from industries.

Editorial Team:

Student Editors and Design: Alfin Koshy | Akhil Jose | Nivin L Vincent

Supervising Editor: Dr. Suju C Joseph

Chief Editor: Dr. Sony George



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