

# ALCHEMI

## DEPARTMENT OF CHEMISTRY

Volume 2

Issue 1

October 2021



**ST. ALOYSIUS' COLLEGE**

NAAC A Grade Accreditation | DST FIST Sponsorship

EDATHUA, ALAPPUZHA DIST, KERALA - 689573, INDIA  
(Affiliated to Mahatma Gandhi University, Kottayam)

### PRINCIPAL'S GREETING



I am so relished to learn that the Department of Chemistry is bringing forth its newsletter Alchemi-21. Amidst the COVID-19 pandemic scenario, the department conducted several noteworthy programs at the national and regional levels like webinars, student enrichment workshops as well as various co-curricular activities mostly held on the digital platform.

The 'Winter School' organised by the department in association with the Alumni was a good initiative for strengthening some fundamental areas of Chemistry.

I congratulate the staff and students of the department for their mettle and unity in making this happen and wish them greater heights in the future.

**Dr. Jochan Joseph**

Principal

### HOD'S MESSAGE



Amidst the fight against the global pandemic COVID-19, an eventful year in the department has come to an end. Despite the inconvenience, our teaching learning process had gone much better than we expected.

Indeed this year has been a blessing in disguise for the department as we could arrange a series of webinars and student enrichment programs apart from the usual academic programs. Alchemi-21 portrays the activities of the department in the academic year 20-21.

Heartfelt thanks to the team behind this, whose untiring work made it possible.

Wish all the readers nice time ahead.

**Dr. Anu Augustine**

## RECENT UPDATES ON THE DEVELOPMENT OF VACCINES AND THERAPEUTICS FOR COVID-19

Amidst the globally challenging pandemic COVID-19, on 13<sup>th</sup> June 2020 the department conducted the 1st webinar on 'Recent updates on the development of vaccines and therapeutics for Covid-19'. Dr. Anu Augustine, HOD, welcomed and Dr. Jochan Joseph, Principal felicitated the gathering. The speaker Dr. Sreekanth Ramachandran, Director, Integral Biosciences, Noida, U.P, explained the development of a drug and vaccine from the laboratory to the pharmacy in the light of Corona. The lengthy chat session revealed the relevance and interest of the participants. Mr. Jaimin George delivered the vote of thanks.



**SATURDAY  
JUNE 13, 2020  
@ 10.30AM**

**ST. ALOYSIUS COLLEGE**  
U.A.C. A Grade Accredited (ISI) Sponsorship  
EDATHUA, ALAPPUZHA DIST., KERALA - 689573, INDIA  
(Affiliated to Mahatma Gandhi University, Kottayam)

**WEBINAR**

JOINTLY ORGANISED BY  
THE DEPARTMENT OF CHEMISTRY &  
INTERNAL QUALITY ASSURANCE CELL

**SPEAKER:**

Dr. Sreekanth Ramachandran  
Director  
Integral Biosciences, Noida, U.P.

**TOPIC:**  
Recent updates on the development  
of vaccines and therapeutics for  
COVID 19

**DR. JOCHAN JOSEPH**  
PRINCIPAL

**DR. ANU AUGUSTINE**  
HOD, Chemistry

Contact  
**Jaimin George**  
9961807092  
jaimingeorge13@gmail.com

## WINTER SCHOOL IN FUNDAMENTALS OF CHEMISTRY

'Winter school in fundamentals of Chemistry' organized by the Department of chemistry in co-ordination with the chemistry alumni association took place on 26<sup>th</sup> and 27<sup>th</sup> December 2020. This event was organized with the aim of imparting to the students, the basic concepts of chemistry. Dr. Anu Augustine, HOD, Department of chemistry delivered the welcome speech. Mr. Jaimin George, Association president delivered the presidential address. Dr. George Varghese, former KSCSTE director, inaugurated the event. He spoke on the scope of chemistry and the great contribution of chemistry in various fields. Dr. Jochan Joseph, Principal addressed the gathering.

DEPARTMENT OF CHEMISTRY & IQAC

**ST. ALOYSIUS COLLEGE**  
U.A.C. A Grade Accredited (ISI) Sponsorship  
EDATHUA, ALAPPUZHA DIST., KERALA - 689573, INDIA  
(Affiliated to Mahatma Gandhi University, Kottayam)

Organizes

**WINTER SCHOOL  
IN  
FUNDAMENTALS OF CHEMISTRY**  
26 & 27 December 2020

Department of Chemistry is organising a Winter School in Fundamentals of Chemistry (online) on 26 and 27 December 2020. The programme aims to provide the undergraduate students a better understanding in some fundamental areas of Chemistry. The programme is supported by Chemistry Alumni Association of St Aloysius College.

**INAUGURATION**

Dr. George Varghese,  
Former Director, KSCSTE

**RESOURCE PERSONS & AREAS OF DISCUSSION**

- Mr. Princemon Philip - Solid State
- Mr. Anurath N Nandan - Coordination Chemistry
- Mr. Manu Cyran - Periodic Properties
- Ms. Charvi Anu Biji - Chemical Bonding
- Ms. Shilpa Joseph - Gaseous State

Mr Jaimin George (9961807092)  
Mr Princemon Philip(99202016505)

## THE CHIMICA 2020

The CHIMICA 2020, The Chemistry Association inauguration and Christmas-New year celebrations were held on 31<sup>st</sup> December 2020. CHIMICA 2020 was formally inaugurated by Dr. Rajeev Ramanan, Assistant Professor, Department of Chemistry, NIT, Rourkela. Dr. Anu Augustine, HOD, welcomed the gathering and Mr. Jaimin George, Association president delivered the presidential address. Dr. Rajeev Ramanan inspired the students by his talk on the history of discoveries in chemistry. The New year message was conveyed by Prof. KochuThresiamma Joseph, Vice Principal. The vote of thanks was expressed by Ms. Jyothis Rose Joseph.

DEPARTMENT OF CHEMISTRY  
**ST. ALOYSIUS COLLEGE, EDATHUA**

**CHIMICA-2020**  
Association Inauguration and Christmas-New year celebration  
31<sup>st</sup> December; 10 am

**PROGRAMME**

**Dr. Rajeev Ramanan**  
Assistant Professor  
Department of Chemistry, National Institute of Technology, Rourkela  
Topic: (History of discoveries in chemistry)

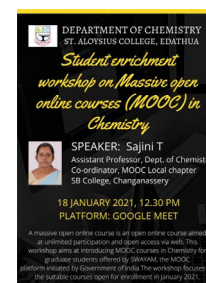
Dr. Rajeev Ramanan is working as an Assistant Professor at the Department of Chemistry, National Institute of Technology, Rourkela. He obtained PhD from the group of Prof. R. B. Sande at IIT Bombay with outstanding thesis award. Formerly he was a postdoctoral fellow at Hebrew University, Israel and senior postdoctoral fellow at Michigan Technological University, USA.

Welcome Speech: Dr. Anu Augustine  
Presidential address: Mr. Jaimin George  
Association Inauguration & Key note address: Dr. Rajeev Ramanan (NIT, Rourkela)  
Felicitation & Christmas message: Dr. Jochan Joseph (Principal)  
Vote of Thanks: Ms. Jyothis Joseph

**CHRISTMAS & NEW YEAR CELEBRATIONS**

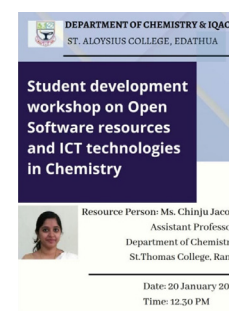
## STUDENT ENRICHMENT WORKSHOP

Department conducted a Student enrichment workshop on Massive Open Online Courses (MOOC) in chemistry on 19th January 2021. Dr. Anu Augustine, HOD, welcomed the gathering. The resource person Prof. Sajini T, Assistant Professor, Department of chemistry, SB College, Changanassery delivered a detailed talk on different online courses in chemistry which are helpful in developing our knowledge in various fields of chemistry. Mr. Jaimin George delivered the vote of thanks.



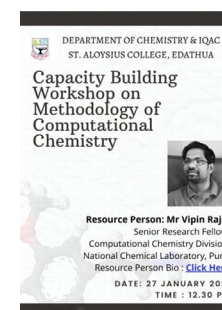
## STUDENT DEVELOPMENT WORKSHOP

The department conducted a student development workshop on Open Software Resources and ICT technologies in chemistry on 20th January 2021 through online platform. Dr. Anu Augustine, HOD, delivered the welcome speech. The speaker Ms. Chinju Jacob, Assistant Professor, Department of chemistry, St. Thomas College, Ranni, introduced and explained the various online platforms which are useful for both students and teachers in developing their skills and knowledge in chemistry. Mr. Jaimin George delivered the vote of thanks.



## CAPACITY BUILDING WORKSHOP ON METHODOLOGY OF COMPUTATIONAL CHEMISTRY

The workshop was held on 27th January 2021 through online platform. The workshop was led by Mr. Vipin Raj K, Senior Research Fellow, Computational Chemistry Division, National Chemical Laboratory, Pune. Dr. Anu Augustine, HOD, Dept. of Chemistry, delivered the welcome speech. The vote of thanks was expressed by Mr. Jaimin George.



## HIGHER EDUCATION PERSPECTIVES IN CHEMISTRY

Lecture on "HIGHER EDUCATION PERSPECTIVES IN CHEMISTRY" was held on 20th February 2021. Dr. Benson Joseph, post doctoral fellow at Tata Institute of Fundamental Research, Hyderabad delivered the lecture. Mr. Jaimin George, Department of Chemistry welcomed the gathering. The lecture was followed by an interactive session.



## ALOYSIAN CHEMISTRY ASSOCIATION VALEDICTORY FUNCTION

Amidst epidemic the activities of the association for the academic year 20-21 was packed with webinars, winter school and various student enrichment programs. The valedictory function of the Aloysian Chemistry Association was held on 31 of March 2021 at Fr. Punnappadom Hall in great cheer amidst Corona. The function was formally inaugurated by the chief guest Dr. Vinayakan R , Asst Prof of Dept of chemistry , NSS College, Changanacherry. Dr Anu Augustine, HOD welcomed the gathering. Mr. Jaimin George, President, Aloysian Chemistry Association delivered the presidential address. The inaugural address by the chief guest on "Chemistry for modern world ", was followed by an interactive demonstration session, which aroused the curiosity of the students. A word of gratitude was expressed by Ms. Jyothis Rose Joseph of 1<sup>st</sup> B.Sc Chemistry



## CONGRATULATIONS



Thejas Thomas of III B.Sc Chemistry won the Exemplar Award for the best outgoing students of the College



Aheera Raj of I B.Sc Chemistry won the first prize in *adikkuruppu rachana* competition organised by the Department of Malayalam and second prize in Versification writing Competition, organised by National Service Scheme on January 30, 2021 in association with Martyr's day.

## RELEASE OF ALCHEMI 2018-2020

The release of the Biennial Newsletter and Silver Jubilee Souvenir of the Department of Chemistry, ALCHEMI (2018-20) was held on 31<sup>st</sup> March 2021 at Fr. Punnappadom Hall in great joy and in the blessed presence of the former faculty. The function started by evoking the blessings of God followed by welcome speech by Dr. Anu Augustine, HOD. Rev. Fr. Mathew Chooravady, the manager of our college, delivered the presidential address and released the Newsletter ALCHEMI 2018-20. Felicitations were given by Dr. Jochan Joseph (Principal), Prof. Mathew Gregory (former HOD during Jubilation), George P. George (Senior Former HOD). A melodious solo was performed by Ms. Anitta D of Ist B.Sc Chemistry. Vote of thanks was expressed by Mr. Jaimin George, Chief Editor of the Newsletter. The program ended with National Anthem.



## ALUMNI ASSOCIATION

The alumni association strengthens ties between alumni and almatem. The alumni gathering was conducted on March 31<sup>st</sup> 2021, which witnessed the active participation of the ex-students. Mr Jaimin George was elected as the president and Princemon Philip as the secretary of Former Chemistry Undergraduate Students (FOCUS) Forum. It was an extremely sensitive and emotional event that sparked nostalgia among everyone.



## BREAK THE CHAIN

Department of Chemistry in association with IQAC took on the challenge of 'breaking the chain' by preparing and distributing hand sanitizer. The department played the central role in equipping the college with hand sanitizer by ensuring its constant availability during the time of admission, examinations and classes.



## FROM THE EDITORS DESK

We are delighted to present the 2021 edition of ALCHEMI -Aloysian Chemistry Informatics, the annual newsletter of the Department of Chemistry. We have attempted to record the curricular and co-curricular activities during the pandemic year, 2020-21. I express my sincere thanks to of the Department for the sincere support in publishing ALCHEMI -21. Hope you will enjoy reading it.

**Jaimin George**

## 2018-2021 BATCH

