

CHEMISTRY ASSOCIATION REPORT

2018-19

CHEMCLAVE

(2018-19)

DEPARTMENT OF CHEMISTRY

BASELIUS COLLEGE

KOTTAYAM

Submitted by

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CERTIFICATE

Certified that this is a genuine report of the Chemistry Association, Baselius College Kottayam of the academic year 2018-2019

Association Secretary:

1. JishnuSankar

Dr.PriyaThambi T

2. Athira Sharma

Teacher in Charge

Dr. Suma Bino Thomas

Head of the Department

CONTENTS

- **INTRODUCTION**
- **OFFICE BEARERS OF THE ASSOCIATION 2018-19**
- **ENVIRONMENTAL DAY CELEBRATIONS**
- **JOSEPH CHANDY FOUNDATION SCHOLARSHIP DISTRIBUTION CEREMONY**
- **SOCIAL COMMITMENT PROGRAMMES**
- **CURIE'S CONCLAVE**
- **HIROSHIMA DAY OBSERVANCE**
- **CHEMISTRY ASSOCIATION INAUGURATION AND FRESHER'S DAY**
- **HONOURING OF RANK HOLDERS**
- **TEACHER'S DAY CELEBRATION**
- **INDUSTRIAL VISIT**
- **STUDY TOUR**
- **CHRISTMAS CELEBRATION**
- **EXTENSION PROGRAMME**
- **CHEMFEST- CHEMCLAVE2K19**
- **PUBLICATION OF INHOUSE JOURNAL**
- **MOTIVATION CLASS**
- **FAREWELL- CHEERIO 2K19**
- **ACHIEVEMENT OF STUDENTS**
- **CONCLUSION**

CHEMISTRY ASSOCIATION 2018-2019 ANNUAL REPORT

INTRODUCTION

The objective of the chemistry association is to promote interaction between the students of the department with the hope of developing passion towards chemistry through different activities like meet the scientist, debate, outreach to industrial places etc. The association gives a platform for the students to get involved in the activities which will create deep interest through different activities related to the subject. The activities of the association started in the month of June and **Dr. Priya Thambi T** was nominated as teacher in charge of chemistry association for the year 2018-19. The students unanimously selected **Jishnusankar** and **Athirasharma** of D3 chemistry class as association secretaries.

OFFICE BEARERS OF THE ASSOCIATION 2018-19

President :Dr. Suma BinoThomas , HOD Chemistry

Teacher in Charge :Dr. Priya Thambi T

Secretary :JishnuSankar&Athirasharma D3 Chemistry

Committee members

:Gokulnath S & Elizabeth Pious II M.Sc chemistry

:Thomas P Thomas & Elbee Mariam Cyril I M.Sc chemistry

:Devika Haridas & Blesson Raj III B.Sc Chemistry

:Kailas Nath S & Brinda M Nair II B.Sc Chemistry

:Parvathy Babu & Vishnu Sankar I B.Sc Chemistry

The executive committee decided to carry out the official inauguration after the arrival of under graduate and post graduate students.

ENVIRONMENTAL DAY CELEBRATIONS

The unofficial activity of the association started in the month of June in relation with the World Environmental Day. An Inter departmental pencil drawing competition was organised by the association on June 6th 2019. 18 students from various department participated and Akash K A of D3 Malayalam, Jinesh Joseph of D2 Zoology and Nikhil John of D3 English bagged the third, second and first prizes respectively on the topic "Beat the plastic pollution" which was the motto of Environmental Day 2018.



JOSEPH CHANDY FOUNDATION SCHOLARSHIP DISTRIBUTION CEREMONY

Scholarship distribution of Joseph Chandy Foundation was organised on 17th June 2019 and was carried out at Dr.A.P Mani Media Centre and chemistry department organised the distribution ceremony of scholarship and students from different schools and colleges were given scholarship on the basis of merit cum means. The programme was well conducted by the association. Sri Joseph Chandy was the chief guest and the college principal, Dr.Jancey Thomas was presided the function. Mrs. Lillykkutty Educational Standing Committee Chairman, Kottayam delivered a speech in the auspicious occasion. Five students of our department received scholarships at that well-arranged function. The eminent personalities from different fields attended the function and made it glorious.



SOCIAL COMMITMENT PROGRAMMES

a) Kavanattikara Panchayath Visit

The worst flood of the century ever seen was faced by our state and our students and teachers decided to join hands with the victims of Kavanattikarapanchayath, Kumarakom, Kottayam on 30th July 2019. The people there suffered a lot and they found difficulty even for food. Even transportation to these places was difficult. Our students collected food items, clothes, powdered milk, medicine, etc. Teachers and the students visited the place and distributed the items to those who deserved at that place.



b) Participation at Flood relief Camp at Baselius College

Students and teachers of the department, actively joined hands in the flood relief camp opened at our college. All of them donated many primary need items for the victims from the amount collected among the staffs and students of our college. The students actively participated in the distribution of the things they have collected/received as donation from the public, for different sub-camps in and around Kottayam town.

CURIE'S CONCLAVE:

Curie's conclave is the gathering of those with same thinking to share the thoughts on topics which has relevance to the date or relevance in subject. This was organised with the thought of departmental gathering once in a month. Three episodes were carried out at the department level.

JishnuSankar of D3 Chemistry handled the first episode of "Curies' conclave" on Waste free Kerala. His talk referred to the usual sources and causes of pollution. Its consequences of such pollution and sufferings faced by residents in the nearby places and possible remedies to reduce the pollution. All the students and teachers of the department were the beneficiaries of the episode which was conducted on 28th of July 2018.



Akshay T Jacob of M.Sc first year, discussed about the biodiesel made with sugar catalyst on 28th of September 2018. He discussed the production of biodiesel using solid catalyst made from natural organic material which makes the process fully ecological. He described the advantages of producing diesel from renewable sources and disadvantages included in the production



Curie's series episode 3 was brought to success by **Miss. Deepthi Mariam** of D2 chemistry on 30th of January 2019. She elaborated on the topic caffeine and

discussed the influence of caffeine in daily life, biochemical effects of caffeine, side effects and the metabolism involved in the absorption of caffeine. Students interacted in between and cleared their doubts regarding the topic. The session was really beneficial for all the participants.



HIROSHIMA DAY OBSERVANCE

Hiroshima Day was observed on August 6th at our college under activities of Chemistry Association. Teachers and about 175 students from various departments took part in it with a most inspiring manner to mark the 65th anniversary of the devastation of Hiroshima & Nagasaki. It was a deadly atomic attack by America during World War II and the day was observed to join hands with the people to make a nuclear-free world. Pledge to work for peace and a nuclear-free world was taken by the entire gathering and the victims were remembered in the programme.





CHEMISTRY ASSOCIATION INAUGURATION AND FRESHERS DAY:

The official inauguration of the activities of chemistry association CHEMCLAVE-2018 was conducted on 13th August 2018 by **Dr.SanthoshKumar, Scientist Grade E** of Rajiv Gandhi Centre for Biotechnology. He delivered a speech regarding the opportunities for UG and PG students after their courses and the research works that are being carried out in RGCB. It helped the students in creating knowledge regarding the opportunities and to develop students' competencies in self-knowledge, educational career planning etc.

Fresher's day meant as an icebreaking event to welcome the new members of our department. It warmed up the conversation among the students of the department and it was really a team building session. After this event students comfortably interacted with each other. The ice-breaking games in the afternoon session were really unforgettable.





HONOURING RANK HOLDERS:

Department association honoured the rank holders of our department on 13th August 2018 with great enthusiasm. **Soumya Sukumar, Ashly Susan Itty, Sruthy Varghese, Arppana Binu** of bagged 2nd, 3rd, 4th and 5th position respectively in the MG university Examination of 2018 march. **Sona Alex** and **Keerthi Ravindran** received 13th and 22nd position among all 1475 students of the MG university affiliated colleges.



TEACHER'S DAY CELEBRATION:

Teachers are the ones who take up the responsibility to educate the newer generations in order to build a better world and better human beings. With this in mind our students decided to take classes on behalf of teachers on September 5th as a tribute to them. They celebrated teacher's day by wishing the teachers in the morning and they handled all UG core classes in the afternoon on a respect of teaching passion.



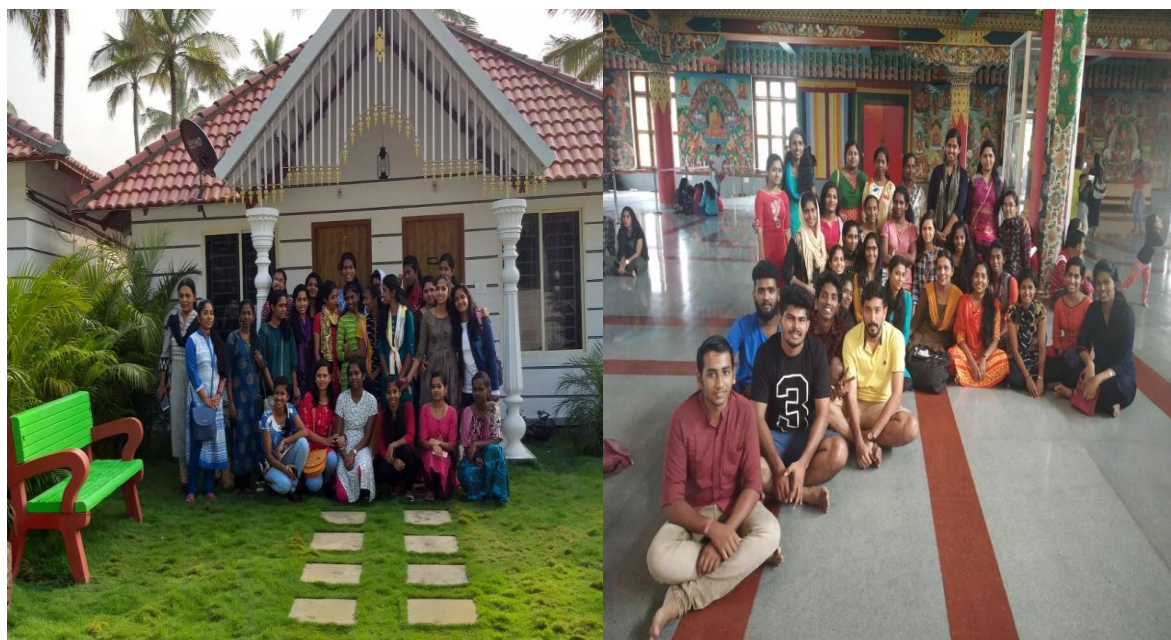
INDUSTRIAL VISIT

Our students visited Bharath Chemical Industries, Hassan, Karnataka on 25th November 2018, which is the best manufacturer of agricultural chemicals, copper sulphate powder and acrylic powder coating chemical etc. The students were accompanied by Prof. ShetalElizebeth Thomas and Prof. Christina Mariam Mathew and a non-teaching staff member Sri Babukkuttan.



STUDY TOUR

A study tour was conducted for our D3 students from 23rd to 26th of November 2018 to Chikkamagaloor, Coorgue, Belurwith the aim to develop team spirit and the habit of time management. It helped them to get adapted to various odd situations and to develop necessary aptitude for interpersonal relationships.



CHRISTMAS CELEBRATION

Christmas celebrations were carried out on 21stDecember, the closing day of the college. Students from our department participated in the Christmas Carol competitions. **Jomy C Abraham** of D2 chemistry participated in Christmas Father Contest of the college. Christmas was celebrated with decorations and cake cuttings.

EXTENSION PROGRAMME

Chemistry Department Association“CHEMCLAVE 2018” of Baselius College decided to enhance the interest towards the subject in the blooming buds of the society. Our B.Sc final year students suggested the idea of taking classes to school students and we selected the nearby school **SreeVidyadirajaVidyaBhavan EMHSS, Erayilkadavu, Kottayam** for this venture. Our final year students **DevikaHaridas, JishnuSankar, Devika M and AbhiyaMerin Abraham** enthusiastically agreed to involve in teaching the high school and higher secondary school students of SreeVidyadirajaVidyaBhavan. The discussion with the school officials regarding this were conducted on 17/12/2019. They started to take classes on 15th January 2019 and continued up to 30th January 2019.



CHEMFEST

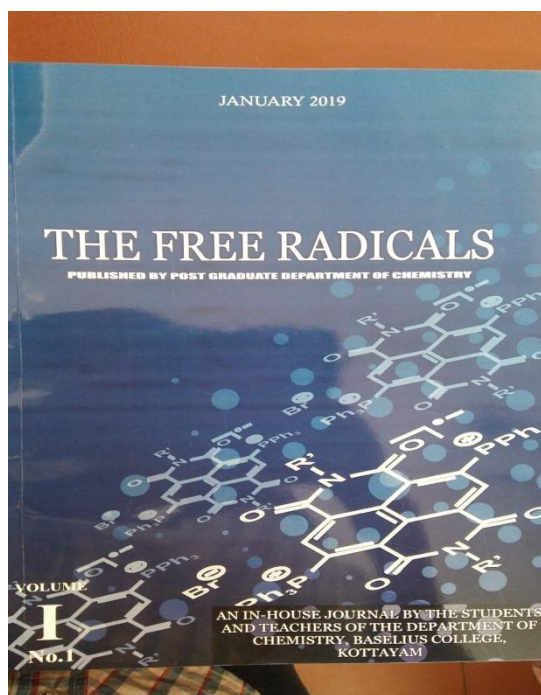
Chemfest 2K19 is an inter-collegiate cultural extravaganza held at our college on February 14th 2019. The event was initially designed, developed and implemented by the association with a well planning. Five competitions were carried out for students from different colleges. Intercollegiate Quiz competition(GENIUS 19), Competition based on experimental techniques(TEQNIX-19),Powerpointpresentation(YUGAN 19), Elocution competition(EXCELLUS 19), and spot photography(CAPTIZ 19)were the events. 57 students were registered for the competitions. Each student was able to participate in two events. The winners were awarded cash prize and certificate with the help received from sponsors.





PUBLICATION OF INHOUSE JOURNAL

An In House Journal is a medium of communication which projects the image of a department with the purpose of promoting the interest of students and teachers towards the subject. It aims to develop their skills of writing for publication. "***The Free radicals***" our In house Journal was released on February 14th 2019. U.G and P.G students and teachers of the department contributed articles to the journal. The journal was released by **Dr. Suma Bino Thomas**, the Head of The department by handing over the first print to the editor **Dr.Priya Thambi. T.**



MOTIVATION CLASS

Motivation is an urge to behave or act in a way that will satisfy certain conditions, such as wishes, desires, or goals. It is rooted in a basic impulse to optimize well-being, minimize physical pain, and maximize pleasure. Association arranged a motivation class for M.Sc students on 26th February 2019. The class was handled by **Smt. Geetha P.O** Higher Secondary school Teacher, Kannur. The students were motivated by the speaker and she told them the secret of success is only hard work, preparation and learning from failure. She motivated them by her inspiring talk that whatever they do, do with determination and the productivity is not an accident and it is always the result of commitment to excellence



FAREWELL- 'CHEERIO 2K19'

Farewell is an act of parting or of marking someone's departure. CHEERIO 2K19 - Chemistry association bid adieu to our senior most students of the department and to our non-teaching staff Sri. Thomas John. Various programmes were performed at this gathering. The one full day programme came to an end with tears by the words from junior students that "Goodbyes are not forever, are not the end; it simply means We'll miss you all until we meet again."



ACHIEVEMENTS OF STUDENTS

1. UNIVESRITY ARTS FESTIVAL “ALATHALM 2018”

- GayathriJayaraj of D1 Chemistry participated in Group song, Kavithaparayanam, Light Music, Classical Music and won A Grade in Kavithaparayanam and Classical Music.
- Ajin Manoj of D1 Chemistry participated in Skit competition and One Act play.
- Treesa Satheesh of D1 Chemistry participated in Quiz Competition.
- Aiswarya S of D3 Chemistry participated in KavyaKeli.

2. INTER-COLLEGIATE COMPETITIONS

- TreesaSatheesh of D1 Chemsitry participated in Essay Writing competition held at MG University as part of NSS Fest 2019 and won 2nd prize.
- NandanaSailesh of D1 Chemistry Participated in Intercollegiate power point presentation competition held at Assumption College, Changanacherry
- Sanjai Sunil and Jomy Jose Philip participated in intercollegiate science quiz competition held at KG College, Pampady
- Sanjai Sunil And Jomy Jose Philip of D2 Chemistry participated in intercollegiate science quiz competition held at St.Aloysius College, Edathuva
- Sanjai Sunil and Anjali S participated in intercollegiate quiz competition held at Assumption College, Changanacherry
- Nandu T S, Gokulnath S, Alen Peter, Thomas C Thomas participated in intercollegiate Treasure Hunt Competition held at St.Thomas College, Pala
- BetsymolCherian and Gopika Raj of M2 Chemistry participated in intercollegiate science quiz competition held at Devamatha College, Kuravilangad.
- TreesaSatheesh of D1 Chemistry participated in intercollegiate paper presentation competition held at Assumption College, Changancherry.
- Joel Mathew Jacob of D1 Chemistry participated in MGOCSM Group Song Competition held at MD Seminary HSS, Kottayam.

3. COLLEGE ARTS FESTIVAL “AGNITHRAYA 2018” AND SPORTS

- GayathriJayaraj of D1 Chemistry participated in Kavithaparayanam, Group Song, Light Music, Classical Music, Poetry Writing and won 1st prize in all except poetry writing.

- Trees Satheesh of D1 Chemistry participated and won 2nd prize in Quiz competition and 3rd prize in Essay writing(Mal).
- Niranjana V Ranjan of D1 Chemistry Participated and won 1st prize in Group Dance and 3rd prize in Story Writing(Mal)
- Sreya Philip of D1 Chemistry participated and won 1st prize in Group Dance.
- ParavathyBabu of D1 Chemistry participated and won 1st prize in Group Song and Mohiniyattam.
- NandanaSailesh of D1 Chemistry participated in Cartoon,Painting,Poetry Writing(Eng),Short Story Writing(Eng),Thiruvathira and won 3rd prize in Thiruvathira
- Meera Roy of D1 Chemistry participated and won 1st prize in Oppana.
- Gadha Rajesh of D1 Chemistry participated and won 3rd prize in Thiruvathira.
- Aleena Antony of D1 Chemistry participated and won 1st prize in Oppana, 3rd prize in Western Group Song and Hindi Essay Writing.
- Hena Mariam Thomas of D1 Chemistry participated and won 3rd in Mapilapattu,Poetry Writing(Eng),Recitation(Eng).
- Aiswarya S of D3 Chemistry participated in KavyaKeli,Essay Writing(Mal).
- Vishnu Kumar of D3 Chemistry participated in Best Beard,Best Smile,Best Hair competition.
- NihalNujum of D3 Chemistry participated in Best Beard,Best Moustache competition.
- Vineetha P George of D3 Chemistry participated and won 2nd prize in Oppana.
- Haripriya of D3 Chemistry participated and won 3rd in String Instruments (Eastern).
- JishnuSankar of D3 Chemistry participated in Quiz competition.
- Adwaith P H of D2 Chemistry participated in Dhaffmuttu competition.
- Rahul Rajappan of D3 Chemistry participated in Dhaffmuttu competition.
- Vishnu Kumar of D3 Chemistry participated and won 2nd inShotput and Javelin Throw.

4.INTER DEPARTMENTAL COMPETITIONS

- TreesaSatheesh of D1 Chemistry participated in College level 'Power Quiz Competition' organised by Kerala State Electricity Board Employer's Association.
- Nandana Sailesh of D1 Chemistry participated inDesigning competition as part of NSS Women's Day.
- Elsa Sheeba Shaiju of D1 Chemistry participated in in Designing competition as part of NSS Women's Day.

CONCLUSION

The activities of our association, **Chemclave 2018 - '19** was done with maximum effort and co-operation of all the students, teachers and non-teaching members of the department. We were able to coordinate different programmes of our association righteously to the best of our ability and hope we can do better in the coming years.

We thank almighty for the blessings in our association activities.

Thank you