



ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)
CUDDALORE-607001



PG & RESEARCH DEPARTMENT OF CHEMISTRY
CHEMISTRY ASSOCIATION- (2017-2018)

1. Chemistry Association Inauguration

On June 28, 2017, the Chemistry Association was established for Shift – I and Shift – II. The Chief Guest for both sessions was Mr. E. Selvaraj, Executive Director, Appco Pharma, New Jersey, USA. For both the sessions, Rev.Fr. Secretary delivered his Presidential address. The Chief Guest, alumni of the department, reminisced about his undergraduate days on this campus. He made an inspiring address to both sessions' students, encouraging them to pursue research. He also raised awareness among students about numerous competitive tests for further education and job opportunities in the United States and Europe.



2. Poster Presentation

A poster presentation competition on “Green Chemistry” was organised on 28th July 2017. Both Shift – I and Shift – II competitors were judged by Dr. Ramakrishnan, Assistant Professor, Department of Biochemistry.

3. Seminar Competition

On August 28, 2017, a seminar competition was held. Students from I MSc and II MSc competed in the competition and used a power point presentation to present topics in chemistry that they were interested in. The presentations were judged by our department's staff members Mr.T.Antony Sandosh and Mr.G.Anand.

4. Invited Talk

On December 12, 2017, the Department hosted an invited talk. The resource person was Mr. G. Muthukumar, Senior Manager, Strides Shasun. He spoke on the topic of "Opportunities in Industries".



5. Extension activity carried out under Village Service Learning (VSL) Programme

Title of the Extension Activity: Cleaning the public places

Date :19.01.2018

Venue :Silver Beach, Devanampattinam, Cuddalore.

As a part of Village Service Learning (VSL) movement and cleanliness among the people, PG & Research Department of Chemistry conducted Beach Cleaning Camp. 25 of our B.Sc., Chemistry shift-I students actively participated in the cleaning campaign and cleaned the Silver Beach through Beach cleaning campaign on 19-01-2018 between 2.00 PM to 4.30 PM accompanied by one staff member at Silver Beach- Devanampattinam Cuddalore.



Students raised awareness about beach cleanliness.

6. Invited Talk-II

On January 22, 2018, the Department of Chemistry hosted an Invited Talk. Mr.G.Alexander, Senior Chemist, ONGC, Karaikal, an alumnus of our Department, served as the resource person. "Opportunities for Chemists" was the topic of his discussion. He presented a power point presentation on the many processes involved in the oil industries, as well as the role of chemists in those businesses. He provided a list of competitive examinations held by the Government of India for Chemistry graduates. He highlighted some of his own personal experiences with passing competitive examinations and offered some tips on how to prepare for them.



7. Industrial Visit

On the 23rd of January 2018, an industrial visit AAVIN CO-OPERATIVE MILK PRODUCERS UNION-VILLUPURAM was organised for M.Sc., first-year students from the Department of Chemistry. The students were accompanied by Mr. G. Anand, Assistant Professor, and Mr. K. Vengadesan, Association Coordinator, Department of Chemistry. A demonstration of fat testing in milk samples was given by the Manager of the Quality Control Unit. Students learned about the procedures involved in producing milk products, including chemical and non-chemical processes such as producing toned milk, pasteurised milk, and cream milk. Students could also learn about the opportunities available to chemists in the dairy industry.



8. NATIONAL CONFERENCE

2nd MARCH 2018

Title of the Event	National Conference On Recent Trends In Chemistry
Date and Time	02.03.2018– 9:00 AM to 5:00 PM
Venue	M.A.Ratchagar Hall
Resource Persons: Session-I	Dr. H. Surya Prakash Rao, Professor, Department of Chemistry, Pondicherry University Topic : Medicinal Chemistry of some 4H-chromens and parazolopyridines.
Session-II	Dr. K. Muruga poopathi raja , Assistant Professor, School of Chemistry, Madurai Kamaraj University, Madurai. Topic : Computational Chemistry and modelling.
Session-III	Dr. M. Kathiresan, Scientist, CECRI, Karaikudi. Topic : Electro organic synthesis of compounds.

The Department of Chemistry organized a national conference on the 2nd and 3rd of March 2018. "NATIONAL CONFERENCE ON RECENT TRENDS IN CHEMISTRY" is the title of the conference. The conference began at 9.00 a.m. at the conference hall of the college. The Kuthuvilakku was lit by Rev. Fr. Secretary, Principal, Vice-Principal, Dean of Studies, Chief guest, Head of the Department, Staff members, and the conference organisers. The meeting began with a prayer song, followed by undergraduate students singing tamilthai vazhtu. The gatherings were greeted by Mr. A. Amalorpavadoss, Head, Department of Chemistry.

SESSION-1:

Dr. H. Surya Prakash Rao, Professor, Pondicherry University, presented the Lecture on Medicinal Chemistry of some 4H-chromens and parazolopyridines.

SESSION-2:

Dr. K. Muruga poopathi raja, Assistant professor, MKU, Madurai, presented his recent research on Computational Chemistry and modelling.

SESSION-3:

Dr. M. Kathiresan, scientist, CECRI , Karaikudi, presented his recent research on Electro organic synthesis of compounds.

SESSION-4:

Paper presentation and poster presentation were conducted in fourth session. Dr. M. Kathiresan, Scientist, CECRI Karaikudi, judged the paper and poster presentation.



Session Handled by the Resource Person

3rd MARCH 2018

Title of the Event	National Conference On Recent Trends In Chemistry
Date and Time	03.03.2018– 9:00 AM to 5:00 PM
Venue	M.A.Ratchagar Hall
Resource Persons: Session-I	Dr. E. Murugan, Associate Professor, School of Chemistry, Madras University, Topic : Medicinal chemistry of some pyrazolopyridines
Session-II	Dr. P. Suresh, Assistant Professor, School of Chemistry Madurai Kamaraj University, Topic: oxidative addition and reductive elimination of organo metallic compounds
Session-III	Dr. M. Jegan mohan, Associate Professor, Department of Chemistry, IIT Madras Topic : organo metallic chemistry

Session-IV	Dr. V. Alex Ramani, Associate Professor, Department of Chemistry, St. Joseph's College, Trichy Topic : Phytochemical analysis of medicinal plants and their methods.
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SESSION-1

Dr. E. Murugan, Associate Professor, Madras University, Chennai presented the Lecture on Medicinal chemistry of some pyrazolopyridines.

SESSION-2

Dr. P. Suresh, Associate Professor, MKU, Madurai presented his lecture on recent research on oxidative addition and reductive elimination of organo metallic compounds.

SESSION-3

Dr. M. Jegan mohan, Associate professor, IIT Madras presented his recent research on organo metallic chemistry.

SESSION-4

Dr. V. Alex Ramani, Associate Professor, St. Joseph's College, Trichy presented their recent research on Phytochemical analysis of medicinal plants and their methods.

National Conference on "RECENT TRENDS IN CHEMISTRY"

NCRTC'18

2nd & 3rd MARCH 2018

REGISTRATION FORM

Name: _____
 Designation: _____
 Address for Communication: _____

 Mobile: _____
 e-mail: _____
 Whether presenting Paper/Poster: YES / NO _____
 If yes, title of the Paper/Poster _____

Registration Fee Details:
 Category: Student / Research Scholar / Faculty / Industrialists
 Name of the Bank: DENA BANK
 Name: THE SECRETARY ST. JOSEPH COLLEGE
 COLLEGE DEPARTMENT SEMINARS AND MEET
 Account No.: 16301040777
 IFSC: BKDN0621430
 Branch: Cuddalore

Place: _____
 Date: _____ Signature _____

Registration can be made in advance by e-mail: sjccchd@gmail.com

CHIEF PATRON

Rev. Fr. G. Peter Rajendram
Secretary, St. Joseph's College of Arts & Science (Autonomous)

PATRON

Dr. S. Chinnappan
Principal, St. Joseph's College of Arts & Science (Autonomous)
Rev. Fr. Dr. S. Xavier
Dean of Studies, St. Joseph's College of Arts & Science (Autonomous)
Mr. M. Arumal Selvam
Vice - Principal, St. Joseph's College of Arts & Science (Autonomous)

INVITED SPEAKERS

Dr. H. Surya Prakash Rao
Pondicherry University, Puducherry
Dr. E. Murugan
Madras University, Chennai
Dr. V. Alex Ramani
St. Joseph's College, Tiruch
Dr. K. Muruga Poopathi Raja
Madurai Kamaraj University, Madurai
Dr. M. Jegan Mohan
ST Madras, Chennai
Dr. P. Suresh
Madurai Kamaraj University, Madurai
Dr. M. Kathiresan
CECRI, Karaikal

CONVENER

Mr. A. Amalorpavados
Head of the Department

ORGANIZING SECRETARIES

Mr. K. Varganathan
 Dr. B. David Amraj

ORGANIZING COMMITTEE

Dr. V. Polysingaraj, Dr. R. Sathya Subramanian, Dr. T. Anithy Santhosh,
 Dr. S. Suresh, Dr. S. Dhanasekaran, Dr. S. Rajesh Babu, Dr. P. Palaniappan,
 Dr. S. Suresh, Dr. S. Suresh, Dr. S. Suresh, Dr. S. Suresh, Dr. S. Suresh

Contact Details

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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE
(AUTONOMOUS), CUDDALORE - I.

National Conference on "RECENT TRENDS IN CHEMISTRY"

2nd & 3rd MARCH 2018

NCRTC'18

A Minority Institution. Re-accredited by NAAC with 'A' Grade (1st cycle)
 Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956
 Manjakkuppam, Cuddalore - 607 001
 Web : www.sjctnc.edu.in

Organised by
 PG & Research
 Department of Chemistry
 St. Joseph's College of Arts & Science
 (Autonomous), Cuddalore - I
 E-mail : sjccchd@gmail.com

ABOUT THE INSTITUTION

St. Joseph's College is a legacy of the 19th Century handed down to us by the venerable Fathers of the Society of the Foreign Mission of Paris. Its nucleus was the St. Joseph's High School, started in 1869 A.D. This school was elevated into a college in 1884 A.D. through the efforts of Father Tarbas and was affiliated to the University of Madras. It once again became a High School in 1935 due to financial and other constraints. Since then, there had been several attempts to revive the college. The dream became a reality when the college was refounded as the St. Joseph's College of Arts and Science in 1991. The college was inaugurated on 1st October, 1991 at a state function presided over by His Excellence Smt. Sarma Nair Singh, the then Governor of Tamil Nadu, through the efforts of Rev. Fr. R. Rajagopal. The College bears the motto "Labor Omnia Vincit" which means "hard work conquers all". The college obtained Permanent Affiliation on 08-02-2008, the Autonomous status on 08-06-2008, NAAC accreditation status 'A' Grade (1st cycle) on 22-02-2017 and UGC Status by the University Grants Commission on 28-08-2015. Under the leadership of the present Secretary of the College Rev. Fr. G. Peter Rajendram, the institution is nurturing research scholars.

ABOUT THE DEPARTMENT

The Department of Chemistry was established in the year 1991 with a view to providing quality education to the students and to develop individuals to bring in the following goals. The department is fully equipped with modern laboratory facilities for the students to carry out experiments. It is also equipped with modern facilities for the students to carry out research projects. The department is also equipped with modern facilities for the students to carry out research projects. The department is also equipped with modern facilities for the students to carry out research projects.

ABOUT THE NATIONAL CONFERENCE

The aim of the National Conference is to bring together the Academicians, Scientists, Research Scholars and Students from Universities and Colleges to exchange the scientific thoughts and ideas and to expose the novel experimental and theoretical techniques in the field of Chemistry.

THRUST AREAS

- ◆ Synthetic Organic Chemistry
- ◆ Solid State & Surface Chemistry
- ◆ Nano Chemistry & Biomaterials
- ◆ Polymer Chemistry
- ◆ Phytochemistry
- ◆ Green Chemistry
- ◆ Supramolecular Chemistry
- ◆ Electrochemistry
- ◆ Computational Chemistry
- ◆ Crystallography
- ◆ Bio-inorganic & Bio-organic Chemistry
- ◆ Organometallic Chemistry
- ◆ Environmental Chemistry

GUIDELINES FOR PREPARING ABSTRACT

The participants who contribute (in abstract) research paper in the conference are requested to send their abstracts in advance in the prescribed format. The abstract should be sent to the Secretary, St. Joseph's College of Arts and Science, Cuddalore. The abstract should be sent to the Secretary, St. Joseph's College of Arts and Science, Cuddalore. The abstract should be sent to the Secretary, St. Joseph's College of Arts and Science, Cuddalore.

ORAL POSTER PRESENTATION

LCD facilities are arranged for oral presentation. The Poster presentation area of 28 x 38 is provided. Awards and Merit certificates will be issued for the best oral and poster presentations.

REGISTRATION

All the participants must register their names by using the registration form enclosed in the brochure (or) by email.

REGISTRATION FEES

Students	: 400/-
Research Scholars	: 500/-
Faculty and Industrialists	: 600/-

Important Dates :

Last date for the Submission of Abstract	: 22-02-2018
Last date for the Submission of Full paper	: 27-02-2018
Last date for Registration (e-mail / Post)	: 28-02-2018

NATIONAL ADVISORY COMMITTEE

- Dr. R. Venkatesan, Pondicherry University, Puducherry.
- Dr. M. Sekar, Govt. Arts College, Chidambaram.
- Dr. Babu John, Govt. Arts College, Chidambaram.
- Dr. K. Dhinakaran, Thiruvalluvar University, Vellore.
- Dr. D. Thirumalai, Thiruvalluvar University, Vellore.
- Dr. U. Deva Priya Kumar, IIT - Hyderabad.
- Dr. Kishore Mohanan, Jeeva Scientific, Medicinal and Process Chemistry Division, CDR, Ludlow.
- Dr. S. Jani Sophiya, DSR College, -Ajjanore.
- Dr. C. J. Edison Raj, Integral Anna Govt. Arts College, Villupuram.
- Dr. K. Gopi, Manager, Jeeva Scientific, Chidambaram, Bangalore.
- Dr. S. Maniathan, SRM University, Chennai.
- Dr. L. Sivachandran, SRM University, Chennai.

National Conference on Recent Trends in Chemistry- Pamphlet



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Re-accredited by NAAC with 'A' Grade (3rd cycle) Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956
Cuddalore - 607 001



NATIONAL CONFERENCE ON RECENT TRENDS IN CHEMISTRY



CERTIFICATE OF APPRECIATION

This is to certify that Mr/Mrs/Miss *ALBERT NIXSON S. (ASST. PROFESSOR)* has Won I/II/III prize for Presented Oral / Poster entitled *PALLADIUM CATALYSED SYNTHESIS* in the "National Conference on Recent Trends in Chemistry" (NCRTC'18) on 2nd & 3rd March -2018, organised by PG & RESEARCH DEPARTMENT OF CHEMISTRY, St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 1, Tamilnadu.


CONVENER

Mr. A. AMALORPAVADOSS


PRINCIPAL

Dr. S. CHINNAPPAN


SECRETARY

Rev. Fr. G. PETER RAJENDIRAM

Participant Certificate

9. Extension activity carried out under Village Service Learning (VSL) Programme

Title of the Extension Activity: Awareness programme on food adulteration

Date : 23.03.2018

Venue : Mulligrampattu

The PG& Research department of Chemistry has conducted an awareness programme on food adulteration on 23.03.2018 at Municipal Middle School, Mulligrampattu, Nellikuppam. The programme was headed by Ms.B.Christina, Assistant Professor of Chemistry with 30 students of II B.Sc. Chemistry. The awareness programme was planned and executed at Mulligrampattu village include challenges in food safety, simple test to identify adulterants and causes and symptoms of food borne illness. About 70 participants actively participated with us and raised many queries. This programme gave an opportunity to students to develop the skill of demonstration and they understood how to promote healthy practises among the children.



Students were giving awareness on food safety issues by using chart