

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

CUDDALORE - 01

PG & RESEARCH DEPARTMENT OF CHEMISTRY

CHEMISTRY ASSOCIATION 2016-17

1. INAUGURATION OF CHEMISTRY ASSOCIATION 2016-17

Chemistry association for the academic year 2016-17 was inaugurated on 18.07.2016. **Dr.V. Sivakumar** Research scientist, Pfizer India Pvt. Ltd, had been the **chief guest** for the inauguration. **Rev. Fr. Secretary** and the Vice – principal also participated in the inaugural function of the Chemistry association. Welcome address was given by Mr. J.Vinothkumar of II M.Sc., chemistry and all the members in the dais were honored with shawl by our staff members. Chief Guest was honored with a memento by Rev. Fr. Secretary. Mr.K.Vengadesan, Co-ordinator of the chemistry association introduced the office bearers of the association for this academic year. Mr. A. Amalorpavadoss, Head of the department introduced our chief guest.Rev. Fr. Secretary, delivered the inaugural address and it was followed by the Vice – Principal's speech. Key note address was given by the chief guest on **Chemistry in Pharmaceutical industries**. Finally vote of thanks was delivered by C. Ragavarthini of II M.Sc., Chemistry. The inaugural function ended with National anthem.

2. INAUGURATION OF CHEMISTRY ASSOCIATION 2016-17

Chemistry association for the academic year 2016-17 was inaugurated on 18.07.2016. **Dr.V. Sivakumar** Research scientist, Pfizer India Pvt. Ltd, had been the **chief guest** for the inauguration. Rev.Fr.Secretary and the Vice – principal also participated in the inaugural function of the Chemistry association. Welcome address was given by S.Sameera of III BSc., chemistry and all the members in the dais were honored with shawl by our staff members. Chief Guest was honored with a memento by Rev.Fr.Secretary. Dr. V. Krishaveni, Co-ordinator of the chemistry association introduced the office bearers of the association for this academic year. Mr. A. Amalorpavadoss Head of the department introduced our chief guest. Rev.Fr.Secretary, delivered the inaugural address and it was followed by the Vice – Principal's speech. Key note address was given by the chief guest on **Chemistry in Pharmaceutical industries**. Finally vote of thanks was delivered by B. Nagadharani from III BSc., Chemistry. The inaugural function ended with National anthem.

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

Title of the Extension Activity: Awareness Programme on Health and Hygiene

Date : 12.07.2016

Venue : GunduUppalavadi, Cuddalore

The PG& Research department of Chemistry has conducted an awareness programme on health and hygiene on 12.07.2016 to increase the awareness among the people at Gundu Uppalavadi about food safety, sanitation and cleanliness. 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 GunduUppalavadi village include personal hygiene habits, balanced diet, healthy food habits and health tips. About 80 participants in and around GunduUppalavadi attended the programme. This programme gave an opportunity to students to develop the leadership quality. This programme was successfully completed with great impact on people, realizing their social responsibility, importance of keeping environment clean and how to improve their hygienic practices.



Students were raising awareness about the public health risks related to food safety issues by using chat.

4. POSTER PESENTATION

Poster presentation was conducted on 27th July 2016, by the chemistry association. Students were invited to present their posters on various fields of chemistry such as **green chemistry, industrial chemistry, environmental chemistry, waste water recycling etc.** Poster presentation started at 11.30 am for shift -I. Dr.J Jaya Prakash, Assistant professor, Department of microbiology had been the judge for the poster presentation. Participants came with their posters and exhibited in a colorful manner. Nineteen students from shift-I participated in the competition. The best two posters were selected and honoured with prizes certificates.

Prize winners

- I Prize -J. Harish babu - III BSc.,chemistry and Mugelan - I BSc., chemistry.
- II Prize- S. Prithivirajan - I BSc., chemistry

POSTER PESENTATION

Shift-II

Poster presentation was conducted on 27th July 2016, by the chemistry association. Students were invited to present their posters on various fields of chemistry such as **green chemistry, industrial chemistry, environmental chemistry, waste water recycling etc.** Poster presentation started at 03.30 am for shift -II . Miss. P. Poonguzhali, Assistant professor, Department of microbiology had been the judge for the poster presentation. Participants came with their posters and exhibited in a colorful manner. Nineteen students from shift-I participated in the competition. The best two posters were selected and honoured with prizes certificates.

Prize winners

- I Prize - B. Nagadharani and K.Vijayalakshmi from II B.Sc., chemistry
- II Prize – S. Alifathima from III B.Sc., chemistry
- III Prize – S. Gayathiri and B. Dimple from I B.Sc., chemistry.

5. SEMINAR PRESENTATION

A **seminar presentation competition** was organized on 17.08.2017 and 18.08.2017 for the PG students. Students from **I M.Sc and II M.Sc** presented seminars with power point presentations on topics from their syllabus . Twelve students from II M.Sc and Eleven from I M.Sc are participated. **Mr. G. Anand**, Assistant professor in chemistry had been the judge for the presentations. The **best two** presentations were selected and honoured with prizes and certificates.

Prize winners

I - Prize – S.Prasanna kumarai II M.Sc.,

II - Prize – M. Abinaya II M.Sc.,

6. QUIZ COMPETITION (Shift-I)

Intra departmental Quiz competition was conducted for shift – I students on **09th September 2016** in which students from all the three years actively participated. The Coordinator **Mr. K. Vengadesan** **conducted** the competition. The participants were divided into four groups. The quiz competition had three rounds. The round one had questions from current affairs and general knowledge. Round two had questions from the recent scientific and technological developments while the third round had questions from basic chemistry.

Prize winners

R. Sabarinath – III- BSc.,

J. Harish babu – III- BSc.,

P. Anbarasan – III- BSc.,

QUIZ COMPETITION (Shift – II)

Intra departmental Quiz competition was conducted for shift – II students on **09th September 2016** in which students from all the three years actively participated. The Coordinator **Dr. V. Krishnaveni**, **conducted** the competition. The participants were divided into four groups. The quiz competition had three rounds. The round one had questions from current affairs and general knowledge. Round two had questions from the recent scientific and technological developments while the third round had questions from basic chemistry.

Prize winners

B. Nagadharani - II B.Sc., Chemistry

K.Vijayalakshmi - II B.Sc., Chemistry

V. Sabeethashri - II B.Sc., Chemistry

B. Gayathri - I B.Sc., Chemistry

7. PARENT - TEACHERS MEET

Parent teachers meet was conducted on **10th September 2016** from 9.30 am to 11.30 am for Shift – I students and from 11.30 am – 1.30 pm for Shift – II students, respectively. All the students and parents were informed with individual circulars. All the class in charges interacted with the parents and conveyed about the progress and discipline of the students, infrastructure and the facilities which the students can avail from the department and from the institution and the details of the discussion were recorded.

8. GUEST LECTURE (20.12.16)

The department of chemistry organised a Guest lecture on 20.12.2016. **Dr. R. Venkatesan**, Professor of chemistry, Pondicherry university gave a lecture on the topic “**ENTROPY**”.

9. GUEST LECTURE (19.01.17)

The department of chemistry organised a Guest lecture on 19.01. 2017. Dr. M. Ganapathy, Assistant Professor of chemistry, Govt. Arts College – Thiruvannamalai gave a lecture on the topic “**ELECTROCHEMISTRY**”

10. NATIONAL CONFERENCE

2nd March 2017

Title of the Event	National Conference On Emerging Trends In Chemistry
Date and Time	02.03.2017– 9:00 AM to 5:00 PM
Venue	M.A.Ratchagar Hall
Resource Persons: Session-I	Dr. R. Venkatesan , Professor, Pondicherry University. Topic : Nanomaterials used for the research of conducting materials
Session-II	Dr. L. Sivachandiran , Assistant Professor, SRM University. Topic : Non-thermal plasmas/heterogenous catalyst for agricultural, energy and environmental applications.
Session-III	Dr. S. Mannathan , Assistant Professor, SRM University. Topic : Platinum catalyzed conjugate addition of aryl iodides to activated alkenes

On 2nd & 3rd March 2017, Department of Chemistry organised a national level conference. Entitled “NATIONAL CONFERENCE ON EMERGING TRENDS IN CHEMISTRY”. The conference was started at 9.00 am in the college Conference Hall, Secretary of the college, Principal, Vice- Principal, Dean of Studies, Chief guest, Head of the department, Staff members, organizer of the conference were lighting the kuthuvilakku. Mr. A. Amalorpavados, Head, Department of Chemistry, welcomed the gatherings.

SESSION-I:

Dr. R. Venkatesan, Professor, Pondicherry University, presented his recent research in nanomaterials and composites. He explained how Nanomaterials used for the research of conducting materials. More than 45 min their lecture.

SESSION-II:

Dr. L. Sivachandiran, Assistant professor, SRM University, presented his recent research on non-thermal plasmas/heterogenous catalyst for agricultural, energy and environmental applications.

SESSION-III:

Dr. S. Mannathan, Assistant Professor, SRM University, presented his recent research on Platinum catalyzed conjugate addition of aryl iodides to activated alkenes.

SESSION-IV:

Dr. Selvaraj Professor, Anna University Villupuram campus, and **Dr.S. Jancy Sophiya**, Assistant Professor, KNC, Cuddalore judged the poster and paper presentation.

3rd March 2017

Title of the Event	National Conference On Emerging Trends In Chemistry
Date and Time	03.03.2017– 9:00 AM to 5:00 PM
Venue	M.A.Ratchagar Hall
Resource Persons: Session-I	Dr. H. Surya Prakash rao , Professor, Pondicherry University. Topic: Medicinal chemistry of some 4H – chromens and pyrazolopyridines.
Session-II	Dr. D. Thirumalai , Professor, Thiruvalluvar University, Vellore. Topic: Synthesis and applications of novel acridinedione

	pyridine and 1,6 naphthathyrine scaffolds.
Session-III	Dr. M. Jegan mohan, Assistant Professor, IIT Madras. Topic : Organo Metallic Chemistry

SESSION-I:

Dr. H. Surya Prakash rao, Professor, Pondicherry University, presented the Lecture on Medicinal chemistry of some 4H – chromens and pyrazolopyridines.

SESSION-II:

Dr. D. Thirumalai, Professor, Thiruvalluvar University, Vellore presented his recent research on Synthesis and applications of novel acridinedione pyridine and 1,6 naphthathyrine scaffolds.

SESSION-III:

Dr. M. Jegan mohan, Assistant Professor, IIT Madras presented his recent research on Organo Metallic Chemistry.



Dignitaries on the stage



Honoring Resource person

**National Conference on
"EMERGING TRENDS IN CHEMISTRY"**

NCETC'17

2nd & 3rd MARCH 2017

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 : _____
 DD No. & Bank : _____
 Amount : _____
 Filled in registration form is to be sent to the Convener along with DD in favour of the secretary, St. Joseph's college of Arts & Science, Cuddalore. Payable at Cuddalore.
 Place : _____
 Date : _____ Signature _____

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

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

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

INVITED SPEAKERS

Dr. H. Surya Prakash Rao, Pondicherry University, Puducherry.
 Dr. R. Venkatesan, Pondicherry University, Puducherry.
 Dr. M. Jegan Mohan, IIT Madras, Chennai.
 Dr. D. Thirumalai, Thiruvalluvar University, Vellore.
 Dr. K. Dhinakaran, Thiruvalluvar University, Vellore.
 Dr. M. Kathiresan, CECRI, Karaikudi.
 Dr. L. Sivachandiran, SRM University, Chennai.
 Dr. S. Mannathan, SRM University, Chennai.

CONVENOR
 Mr. A. Amalorpavadoss,
Head of the Department

ORGANISING SECRETARIES
 Mr. K. Vengadesan
 Dr. V. Krishnaveni

ORGANISING COMMITTEES
 Dr. V. Parayappan; Mr. M. Sebastian Marudhan, Mr. T. Arany Sundish,
 Mr. G. Anand, Mr. B. Christina, Mr. S. Eshwar Rajkumar, Mr. F. Paul Arindhan,
 Mr. S. Immanuel, Dr. A. Vijayakumar, Mr. B. Kanniah; Dr. S. David Anand

CONTACT DETAILS
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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE
(AUTONOMOUS), CUDDALORE-1**



**National Conference on
"EMERGING TRENDS IN CHEMISTRY"**

2nd & 3rd MARCH 2017

NCETC'17



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



Sponsored by
 P.D. & Research
 Department of Chemistry
 St. Joseph's College of Arts & Science
 (Autonomous), Cuddalore-1
 E-mail: sjcstc@vsnl.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. It's nucleus was the St. Joseph's High School, started in 1868 A.D. This school was elevated into a college in 1884 A.D. through the efforts of Father Turbot and was affiliated to the University of Madras. It once again became a High School in 1889 due to financial and other constraints. Since then, there had been several attempts to re-vitalize the college. The dream became a reality when the college was re-born as the St. Joseph's College of Arts and Sciences in 1961. The college was inaugurated on 11th October, 1961 at a state function presided over by His Excellence Bishop Marimol Sleeth, the then Governor of Tamilnadu through the efforts of Rev. Fr. R. Ratchagan. The College bears the motto "Labor Omnia Vincit" which means "Hard work conquers all". The college obtained Permanent Affiliation in 18-12-2008. Its Autonomous status (No. 98-2008/2009) was granted on 28-08-2011. Its U-Grade status (U-98/2011) and (2B) Status by the University Grants Commission on 28-08-2011. Under the leadership of the present Secretary of the College, Rev. Fr. Peter Rajendran, we continue to march towards excellence.

ABOUT THE DEPARTMENT

The Department of Chemistry was established in the year 1991 with an aim to foster scientific temper among the students and to develop independent thinking in achieving goals. The department is fully equipped with modern laboratory gadgets and good infrastructure facilities supported by excellent teaching faculty. The department introduced Post graduation course in the year 2002, and research program in the year 2009. The department carries out many research works in various fields such as Synthetic Organic Chemistry, Nano technology, Polymer chemistry, Physical chemistry, Supramolecular chemistry, Computational chemistry and Environmental Chemistry. The department brought out many research findings by the way of publishing research articles in highly reputed Scientific Journals. This department motivates the young researchers to go forward in novel fields.

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 expose the novel experimental and theoretical techniques in the field of Chemistry.

THIRIST AREAS:

- Synthetic Organic Chemistry
- Solid State & Surface Chemistry
- Nano Chemistry & Biomaterials
- Polymer Chemistry
- Phyto Chemistry
- Green Chemistry
- Supramolecular Chemistry
- Electrochemistry
- Computational Chemistry
- Cryobiology
- Bioinorganic & Bioorganic Chemistry

GUIDELINES FOR PREPARING ABSTRACT

The participants who contribute (oral/poster) research paper in the conference are requested to send their abstract in advance in the prescribed format. Title of the Paper, Author name, Author Affiliations, Corresponding author's e-mail id and mobile number. The abstract should not exceed 300 words. It should be typed in MS word (Times New Roman 12 with 1.5 line spacing) with 1 inch margin on all sides. Inclusion of figures inside the abstract is appreciable. Participants are asked to send the abstract through e-mail: sjcstc@gmail.com.

ORAL POSTER PRESENTATION

LCD facilities are arranged for oral presentation. For Poster presentation, area 36 x 36 is provided. Awards and Merit certificates will be issued the best oral and poster presentations.

REREGISTRATION

All the participants must register their names by using the registration form enclosed in the brochure.

REGISTRATION FEES

Students	: 500-	400
Research Scholars	: 750-	600
Faculty and Industrialists	: 1000-	750

Important Dates:
 Submission of Abstract with Full paper : 22-02-2017
 Submission of Full paper : _____
 Last date for Registration (e-mail / Post) : 27-02-2017

NATIONAL ADVISORY COMMITTEE

Dr. U. Deva Priya Kumar, IIT- Hyderabad.
 Dr. Kishore Mohanan, Senior Scientist, Molecular and Process Chemistry Division, DRIL, Lucknow.
 Dr. Babu John, Govt. Arts College, Chidambaram.
 Dr. M. Sekar, Govt. Arts College, Chidambaram.
 Dr. S. Jancy Sophiya, CRN College, Cuddalore.
 Dr. C.L. Edison Raj, Arignar Anna Govt. Arts College, Villupuram.
 Dr. K. Gopu, Manager, Anthen BioSciences, Bangalore.
 Dr. Sangeetha, Anna University (Engg.), Chennai.
 Dr. G. Velmurugan, PDF, IIT Bombay.
 Dr. P. Amaravathy, PDF, IIT Madras.
 Dr. P. Bhavani, Arignar Anna Govt. Arts College, Cheyyar.
 Dr. R. Padmavathy, Ethiraj Arts and Science College for Women, Chennai.

National Conference On Emerging Trends In Chemistry-pamphlet



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

Re-accredited by NAAC with 'A' Grade, Recognised u/s 2(f) and 12(B) of UGC Act 1956
CUDDALORE-607 001, TAMIL NADU



NATIONAL CONFERENCE ON EMERGING TRENDS IN CHEMISTRY

NCETC'17

CERTIFICATE

This is to certify that Mr/Mrs/Miss..... RAGURAM - K..... has actively Participated in the "National Conference on Emerging Trends in Chemistry" (NCETC'17) on 2nd & 3rd March - 2017, 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. CHENNAPPAN

SECRETARY
Rev. Fr.G. PETER RAJENDIRAM

Participant Certificate