

12. CHEMISTRY CLUB



10.09.2022

Dr. J. Sivaraman

Shrimad Andavan Arts and Science College, Tiruchirappalli



J. Ahalya, Director

IOB, RESTI,

22 January 2024



FUNCTIONAL MOU'S AND COLLABORATIVE PROGRAMS

- Fermentech GSV Private Ltd., BIRAC-DBT Funded Company, Thanjavur (17.09. 2021)



- Sri Sarada Niketan College for Women, Karur (25.08.2022)



- Sri Sai Power and Equipment Pvt. Ltd., Tiruchirappalli (26.09.2022)



QUIZ CLUB ACTIVITIES



“National level Intercollegiate chemistry quiz competition-2k19” held on 15th February 2019

Conducted Quiz Programs on

(i) One-day “National level Intercollegiate chemistry quiz competition-2k19” held on 15.02. 2019.

(ii) “Organic Chemistry” - 18.09.2021 (II B.Sc. Chemistry Students)

(iii) “Periodic Table” - 07.10.2021 (I B.Sc. Chemistry Students)

(iv) “General Chemistry” - 21.10.2021 (III B.Sc. Chemistry Students)

(v) “Coordination Chemistry” - 26.03.2022 (I M.Sc. Chemistry Students)

**(vi) "Main Group Elements in the Periodic Table" - 11.04.2022 (II
M.Sc. Chemistry Students)**

Intradepartmental Competitions

**03.02.2021 Intra-Department Chemistry Competition - Poster
Presentation on "Fundamentals of Chemistry"**

**11.02.2021 Intra-Department Chemistry Competition - Essay on
"Mysteries of Chemistry"**

**18.02.2021 Intra-Department Chemistry Competition - Speech on
"Chemistry in day-to-day Life"**

**26.02.2021 Intra-Department Chemistry Competition - Flash
Presentation on "Noble Laureates of Chemistry"**

**03.03.2021 Intra-Department Chemistry Competition - Sketch
Chemistry Concepts**

**11.03.2021 Intra-Department Chemistry Competition - Cartoon on
Chemistry Concept**

Intradepartmental Competitions



Flash Presentation



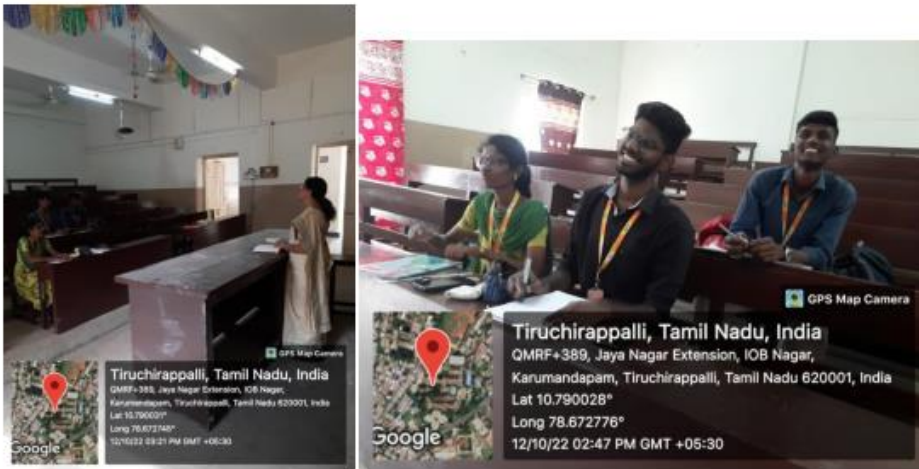
Essay Writing



Poster Presentation



Poster Presentation



12.10.2022

INDUSTRIAL VISIT:



25.09.2019, CSIR-CECRI





28.02.2020, IIFPT





**29.07.2022, SAIF, Indian Institute of Technology
Madras, Chennai**





30.07.2022, Kawman Pharma, Chennai



- **02.03.2023 – CSIR-Indian Institute of Chemical Technology (IICT) Hyderabad - Research Laboratories and Instrumentation Facility**



• **03.03.2023 - Central University of Hyderabad - Research Centers and Central Instruments Laboratory**



• **04.03.2023 - AKTINOS Pharma Private Limited, Hyderabad**





IICT, Hyderabad & AKTINOS Pharma Pvt Ltd July 11-15, 2023





Dr. Reddy's Lab & Sai Life Science, Hyderabad July 11-15, 2023





❖ **MSc. Chemistry, M.Sc. Analytical Chemistry (2022-24) 02-06.08.2023**

❖ **Kumar Organic Products Limited (KOPL), Bangalore**





❖ **CSIR–Central Food Technological Research Institute (CFTRI), Mysore**

CHEMISTRY ASSOCIATION MEETINGS

22.08.2016

Resource Person: Dr. N. Xavier

St. Joseph's College

Title: Chemistry of Cosmetics

09.09.2016



Resource Person: Prof. R. Ramesh

Bharathidasan University

Title: Metal Based Drugs: Serendipity



21.06.2017

Resource Person: Prof. T. Pandiyan

National Autonomous University of Mexico (UNAM)

Title: Nanomaterial Application in Oxidation of Contaminants



07.07.2017

Resource Person: Dr. R. Balamurugan, Scientist

Institute of Chemical and Engineering Sciences (ICES)

Singapore

Title: Efficient and Safer Synthesis of Value Added Organic Molecules by Adopting Continuous Flow Technologies



18.09.2017

**Resource Person: Mr. V. Manivel,
Executive Director, Maxi Bio Oleos Pvt. Ltd.**

Title: Scope of Chemistry in Indian Industries



11.01.2018

**Resource Person: Prof. T. Pandiyan
National Autonomous University of Mexico (UNAM)**

Title: Ruthenium Chemistry and Applications



20.10.2017

Resource Person: Dr. M. Velusamy

Northeastern Hill University, Meghalaya

Title: Organic Solar Cells Based on Small Molecules



21.10.2018

Resource Person: Dr. S. Thennarasu

Senior Principal Scientist

CSIR-Central Leather Research Institute, Chennai

Title: Nuclear Magnetic Resonance



04.01.2019

Resource Person: Dr. B. SREEDHAR

Senior Principal Scientist

Indian Institute of Chemical Technology (IICT), Hyderabad

Title: Surface Analysis by X-ray Photoelectron Spectroscopy



02.08.2019

Resource Person: Dr. A. Nallasivam

Senior Manager, Pfizer Healthcare Pvt. Ltd.

**Title: The Future, Functions, Operations and Opportunities for Chemistry
in Pharmaceutical Industries**



06.09.2019

Resource Person: Dr. J. Ramanatham

Pfizer Global Supply, Chennai

Title: Pharma Industries-Scope for the Chemistry



04.03.2021

Resource Person: Prof. A. Ilangovan

Bharathidasan University, Tiruchirappalli

Title: Hybrid Organic Molecules and Organic Synthesis



26.10.2021

Resource Person: Dr. M. Syed Ali Padusha

Jamal Mohammed College, Tiruchirappalli

Title: Skill Sets for 21st Century Chemists



03.03.2022

Resource Person: Dr. A. Irudaya Jothi

St. Joseph's College, Tiruchirappalli

Title: Chemistry –The Central Science



19.09.2022

Resource Person: Dr. G. Rajkumar

Vivekandanda College, Madurai

Title: Role of Chemistry in Day –to-Day Life



11.10.2021

Resource Person: Dr. M. Govindaraj,

Dr. R. Sudharasan

National College, Tiruchirappalli

Title: Language Skills Enhancement Programme



22.10.2021

Resource Person: Dr. A. Steplinpauselvin

Post Doctoral Researcher

Huazhong University, China

Title: Nanomaterials and its Photo catalytic Applications



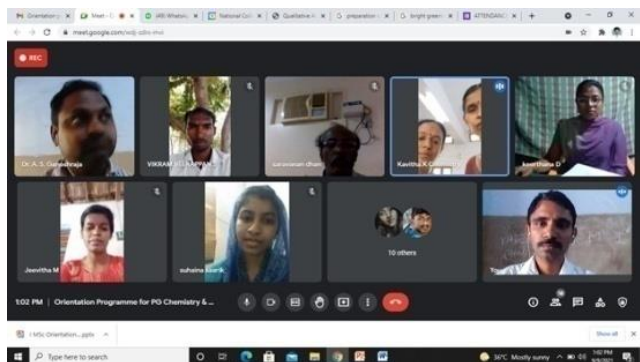
07.04.2022

Resource Person: Dr. V. Punitha
Associate Professor of Medicine
Christian Medical College, Vellore
Title: World health day with Chemist



09.09.2021

Resource Person: Chemistry Staff Members
Title: One day Orientation Programme for M.Sc. Students
(General and Analytical Chemistry)



22.02.2022

Resource Person: Service Engineer

Fire Extinguisher

Title: Awareness of Fire extinguisher

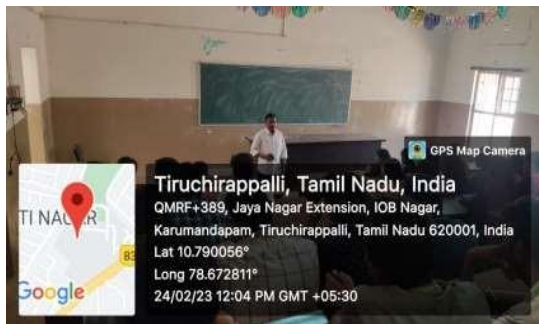


24.02.2022

Resource Person: Dr. S. Balamurugan

Maiva Pharma Ltd., Hosur

Title: Instrumentation and Analytical Techniques in Pharma



09.04.2022

One-Day seminar on "Food – Adulterants, Analysis and Auditing"

Resource Person: Dr. J. Sonya

Stella Maris College, Chennai

Topic : Food Adulteration

Resource Person: Ms. A. Jincy

J. D. Birla Institute, Kolkata





PG and Research Department of Chemistry (UAP) & National College Instrumentation Facility (NCIF)
NATIONAL COLLEGE (AUTONOMOUS)
 Nationally Re-Accredited with 'A' Grade by NAAC
 (College with Potential for Excellence)
 A unit of Dr. V. Krishnamurthy Educational Foundation Tiruchirappalli 620 001

Cordially invites you for the
One Day Seminar on Food - Adulterants, Analysis & Auditing
 to be held on Saturday, 09th April 2022
 at 10.00 am - 4.00 pm, Venue : Seminar Hall-I A/C

PLENARY SPEAKERS

<p>Dr. J. SONYA Assistant Professor Dept. of Food Processing & QC Stella Maris College, Chennai Topic: Food Adulteration</p>	<p>Dr. M. ANBU MALAR Assistant Professor Dept. of Food Processing and QC Stella Maris College, Chennai Topic: Analytical Methods for Testing Food Adulterants</p>
<p>Ms. JINCY ABRAHAM Former Assistant Professor J.D. Birla Institute, Kolkata Topic: Food Toxins: Identification and Prevention</p>	<p>Dr. K. KRISHNA KUMAR Research Associate Dept. of Chemical Engineering, SSN College of Engineering, Chennai Topic: HPTLC Applications</p>
<p>Mr. NICKLE Head of Operation Industry: Andal Foods, Bangalore Topic: Food Safety and Food Auditing</p>	

Shri. K. RAGHUNATHAN Secretary	Dr. R. SUNDARARAMAN Principal	Dr. M. ESAKKIAMMAL HOD Chemistry (UAP)	Dr. D. SARAVANAN Coordinator Chemistry (UAP)
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09.04.2022

Title: Food Toxins: Identification and Prevention

Resource Person: Mr. R. Nickle

Andal Foods, Bangalore

Title: Food Safety and Food Auditing

Resource Person: Dr. M. Anbu Malar

Stella Maris College, Chennai



09.04.2022

Title: Analytical Methods for Testing Food Adulterants

Resource Person: Dr. K. Krishna Kumar

SSN College of Engineering, Chennai

Title: HPTLC Applications



11.08.2022

Resource Person: Dr. I. Arockiaraj

St. Joseph's College, Tiruchirappalli

Title: Future Opportunities for Chemistry Learners



10.09.2022

Resource Person: Dr. R. Edison Raja

Former Professor, Environmental Science

Bishop Heber College, Tiruchirappalli

Title: Save the Planet and Save the Humanity

Resource Person: Rtn. R. Sathesehar

Motivational Speaker and Industrialist, Chennai

Title: How to Become my Tomorrow



28.01.2023

Resource Person: Dr. R. Satheesh

Stayback Pharma, Hyderabad

Title: Recent Trend in Pharma Industry



07.01.2023

Resource Person: Dr. N. Ramanathan

Scientific Officer, IGCAR, Kalpakkam

**Title: All the Roads Lead to Science Magic of Science-magic of Science
and Magician and Opportunities in Department of Atomic Energy**



18.01.2023

Resource Person: Dr. R. Rasappan

IISER Thiruvanthapuram, Kerala

Title: Advanced Organic Synthesis in Real Life Application



21.07.2023

Resource Person: Dr. N. Somanathan

Senior Principal Scientist

CSIR-Central Leather Research Institute, Chennai

**Title: Electrochemistry of Conducting Polymers: From Novel Science to
Advanced Materials**



22.12.2023

Resource Person: Dr. N. Jothilakshmi

National Institute of Technology, Tiruchirappalli

Title: Realm of Chemistry, En-rout to Destiny



29.02.2024

Resource Person: Dr. A. Senthil Kumar

Director, Indian Space Research Organisation

Title: Space activities in India – Current Trends



26.07.2024

Resource Person: Dr. V. Rajendiran

Central University of Tamilnadu, Thiruvavur

Title: Metal-Based Therapeutic and Diagnostic Agents



Workshop, conferences, symposium:

State Level Symposium on Energy, Environment and Employment

March 21 and 22, 2019

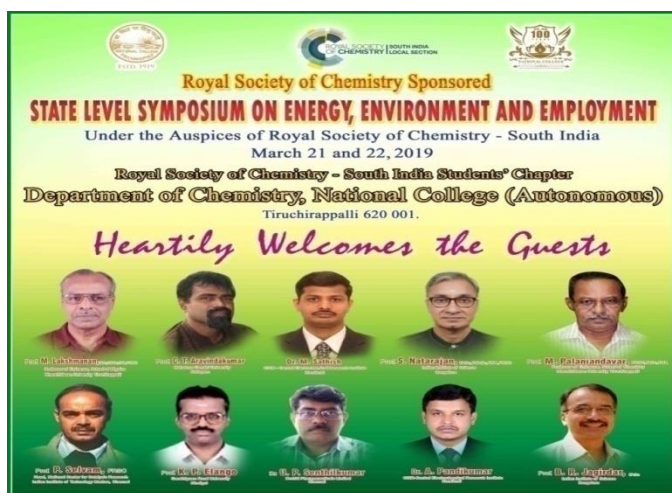
Prof. M. Lakshmanan, Rashtriya Vigyan Puraskar-2024, DST-SERB National Science Chair, Bhatnagar Awardee, Professor of Eminence, Bharathidasan University

RSC STUDENTS" CHAPTER (SOUTH INDIA SECTION)

Students were exposed to experts in the fields of Environment: Prof. C.T. Aravindakumar, Prof. S. Natarajan, Prof. K.P. Elango

Energy: Prof. P. Selvam, Prof. B.R. Jagirdar, Dr. A. Pandikumar, Dr. M. Sathish

Employment: Dr. U.P. Senthil Kumar



13.12.2022

Resource Person: Prof. Pierre H. Dixneuf

Université de Rennes, France

**Title: Organometallic Catalysts and Green Chemistry:
Transformations of
alkynes, alkene metathesis and C-H bond
Functionalizations**



11.07.2024

Resource Person: Prof. R. Mayilmurugan

Indian Institute of Technology Bhilai, Chhattisgarh

Title: Smart MRI Contrast Agents



SCIENCE ACADEMIES' LECTURE WORKSHOP

Science Academies' Lecture Workshop on "New Developments in Chemistry"

February 24 and 25, 2023

(Sp. by IASc Bangalore, INSA New Delhi, NASI Allahabad)

Prof. M. Palaniandavar, BDU, Tiruchirappalli

Prof. S. Natarajan, IISC, Bangalore

Prof. V. Subramanian, IITM, Chennai

Prof. S. Muthusamy, BDU, Tiruchirappalli



06.03.2024

State Level Symposium on "Frontiers and Advances in Spectroscopic Techniques" (FAST-2024)

Resource Person: Prof. P.K. Das

Indian Institute of Science, Bangalore

Title: Non-linear Spectroscopy of Carbonaceous Materials

Resource Person: Prof. S. Velmathi

National Institute of Technology, Tiruchirappalli

Title: Fundamentals of NMR and Applications of Hetero Nuclear NMR

Spectroscopy

Resource Person: Prof. Binoy Krishna Saha

Pondicherry University

Title: Spectroscopic Studies of Organic Materials

Resource Person: Prof. P. Venkatakrishnan

Indian Institute of Technology Madras, Chennai

Title: Mass Spectrometry: Fundamentals and Applications



DBT STAR COLLEGE SCHEME

12.02.2020

One-day Workshop and "Hands-On" Training

Resource Person: Mr. S. Manikandan

National Detergents, Dindigul

Title: Household Cleansing Products

STAR Academic Awards

**Resource Person: Dr. K. Anbarasu, Director of Studies,
National College**

Presented 15 "STAR Academic Awards"

Popular Lecture

Resource Person: Mr. V. Renganathan

National Taipei University of Technology, Taiwan

Title: Where Your Comfort Zone Ends; Your Life Begins!

17.09.2021

One-day Workshop and "Hands-On" Training

Resource Person: Dr. S. Senthil Kumar

Department of Botany, National College, Tiruchirappalli

Title: Oyster Mushroom

23.08.2020

Resource Person: Mr. S. Sivakumar M.E

**External Faculty, Petroleum Conservation Research
Association**

**Ministry of Petroleum and Natural Gas, Government of
India**

Title: Workshop on Save Energy

17.09.2021

Resource Person: Mr. S. Shanmugavadivel

Managing Director, Shanmuga Chemicals, Kadampur

Title: Hands-on Training on Cleansing Products

(Other than Chemistry Students)

25.10.2021

Resource Person: Mr. B. Selvakumaran

Research Scholar, National College

Title: Hands-on-training on Preparation of Handrub Solution

(Other than Chemistry Students)

28.04.2022

Resource Person: Dr. C. Amudha

Madurai Kamaraj University, Madurai

Title: Workshop on Ornamental Fish Culture Technology

25.08.2022

One-day State level workshop on "Entrepreneurial Development" - Hands-on Training in "CLEANSING PRODUCTS" Under the auspices of DBT - STAR College Scheme

26.08.2022

Organiser: Dr. M. Murali

Educational Tour cum Industrial Visit - June 2022

Follow-up and Awards Ceremony

27.05.2022

Chemistry 2022: A Celebration @ NCT

(Sponsored by DBT STAR College Scheme and Royal Society of Chemistry Students' Chapter, South India Section)

Prof. S. Natarajan, IISc, Bangalore

Prof. P. Selvam, IITM, Chennai

Prof. R. Karvembu, NIT, Tiruchirappalli

Prof. R. Balamurugan, UoH, Hyderabad



Fish Ornamental 2022



Chemistry Celebration May 2022



Motivational Speech 2020



STAR Academic Awards 2022

13. Endowments

- Dr. K. Balasubramanian Endowment Award for best outgoing M.Sc., Chemistry Students.
- Sri. K. Sridharan Endowment Award for outstanding Post graduate Chemistry Student.
- Sri. K. R. Krishnaswamy Endowment prize for best outgoing student of B.Sc. Chemistry.
- Prof. S. Thiagarajan Endowment for outstanding student of M.Sc. Chemistry
- Prof. S. Muthusamy Endowment prize for top scorer in Inorganic Chemistry Course in PG.
- Sri. K. R. Krishnasamy Endowment prize for best outgoing student of M.Sc. Chemistry.
- Prof. M. N. Varadarajan & Smt. Thangamma memorial prize in the Topper in B.Sc. Chemistry.
- Sri. M. V. Krishnamoorthy Rao, Memorial Endowment prize for best going B.Sc. Chemistry Student
- Prof. A. Abdul Razak, Ex-MP, Endowment prize the top scorer in Organic Chemistry (PG)