

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (Autonomous),



(Affiliated to Madurai Kamaraj University, Re-accredited with A+ Grade by NAAC,

College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

SIVAKASI



PG & RESEARCH DEPARTMENT OF CHEMISTRY

CHEM CHILLZ - 2024



INTER COLLEGIATE COMPETITIONS

(Cluster College Programme)

Chief Patrons

Tmt. Thilagavathy Ravindran
President

Tmt. Aruna Ashok
Secretary

Convenor

Dr. M. Murugalakshmi
Associate Professor & Head

Patron

Dr. R. Sudha Periathai
Principal

Programme Coordinators

Dr. S.Shailaja
Assistant Professor
Dr. J. Porkodi
Assistant Professor

20.08.2024

Venue : Auditorium

ABOUT THE COLLEGE

The genesis of, The Standard Fireworks Rajaratnam College for Women stands on the strong base of empowering women of the semi-urban town of Sivakasi. Established in 1968 in memory of the philanthropist and fireworks industrialist Thiru N.R.K.K. Rajaratnam through its fifty six years of intensive service, the Institution has stitched a place for itself in the fabric of this cracker city's history and heritage. The National Accreditation & Assessment Council of Bangalore, crowned SFRC with Five Star Status in 2002 and with A+ Grade in the fourth cycle of Accreditation in 2021. The College was declared autonomous in 2005 followed by an extension till 2032. Recognized as a College with Potential for Excellence by UGC, the College has also been recognized as a DST member which strengthens the research facilities of the College. Under the UGC – PARAMARSH scheme for mentoring NAAC Accreditation Aspirant Institutions, our college was approved as a Mentor Institution in the academic year 2019-2020. In the year 2023, SFRC accomplished completion of Programme Educational Objectives (PEO) attainment in Outcome Based Education.

ABOUT THE DEPARTMENT

PG & Research Department of Chemistry has its inception in the year 1975 with B.Sc Chemistry and emerged as a PG department in the year 1985, and later in the years 2008 & 2018 M.Phil and Ph.D programmes were introduced. Our Science Instrumentation Centres are equipped with sophisticated instruments like, UV-Visible Spectrophotometer, FT-IR Spectrophotometer, Luminescence Spectrometer, DSC, TGA, GC-MS, AAS, HPLC, PGSTAT, Microwave Synthesizer and well-furnished class room with LCD projectors to ensure top-grade research culture. We have also organized many International and National Level Seminars, CSIR-NET workshops and Intercollegiate meets. As a Research Department, 5 research supervisors and 4 scholars actively engage in research activities relevant to the contemporary needs in the field of Chemistry. More than 200 articles were published in various National & International Journals of high impact factor. The faculty members have completed 12 TNSCST and 5 UGC funded research projects. Microscale techniques are adopted in the laboratory as an eco-initiative. A Summer Internship was organized for 15 days on, "Crime Investigation in Forensic Science" for students of other colleges. Entrepreneurial skill is promoted among students by organizing hands-on training on Home care Products every year to make them independently achieve their career goals.

Respected HOD of Chemistry,

In view of golden Jubilee celebration of our department, we have proposed to organize an intercollegiate meet **Chem Chillz on 20th August 2024** at our Auditorium. We request you to encourage your department students to participate in the programmes.

GENERAL INSTRUCTIONS:

- A student can participate in two competitions only.
- Participants can stick on to the time schedule mentioned in the table before enrolling in competitions.
- Overlapping of participants in parallel events should be strictly avoided.
- One of the component of evaluation for Chem Memes and Chem Shoot will be based on the shares and likes received.
- Refreshment and lunch will be provided.

Competition Details

Venue	11.00-12.00	12.00- 1.00	LUNCH	2.00-3.00
Auditorium	Quiz Chem Crown	Cooking		Ad-Act
Auditorium Backside	Pulse Carpet	Chem Sketch		Poster presentation
Conference Hall	Chem Hunt Chem Memes	Paper presentation		Art from waste Chem Shoot



Chem Crown

- Only one participant
- Participant of this event is not allowed to participate in any other event



Pulse Carpet

- Topic : "Molecular Docking"
- Only one participant
- Pulses can be arranged in A3 sheet



Chem Quiz

- Two participants per team
- Prelims will be conducted



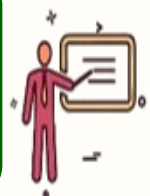
Chem Hunt

- Two participants per team
- College Map will be provided



Trash to Treasure

- Art from Waste
- Two participants per team
- Required materials should be brought by the participant



Paper Presentation

- Topic: "Solid Waste Management"
- Only one participant
- Presentation time: 3 Minutes
- Interaction time: 2 Minutes



Chem Strokes

- Topic : "Environmental Sustainability"
- Only one participant
- Water colour, pastels, pencils, acrylic crayons and oil paints can be used



Poster Presentation

- Topic: "AI Tools in Chemistry"
- Only one participant
- A1 size has to be used



Green Feast

- Fireless Cooking
- Two participants per team
- Should not bring any pre-cooked items



Ad-Act

- Four participants per team
- Topic will be given on the spot



Chem Shoot

- Topic: "Plastics Influence on Ecosystem"
- Only one participant
- Video will be uploaded in our Instagram id.(mp4 - size 100mb)
- Send video before 15th August to chemsfrc2014@gmail.com



Chem Memes

- Topic: "Humorous Takes on Chemistry"
- Only one participant
- Memes will be uploaded in our Instagram id. in JPEG format.
- Send memes before 15th August to chemsfrc2014@gmail.com

Programme Schedule

Registration starts at 9.00 am

Inaugural session : 10.00 am

Prayer

Lighting the lamp : Tmt.Thilagavathy Ravindran, President

: Tmt. Aruna Ashok, Secretary

Welcome Address : Dr. M. Murugalakshmi

Associate Professor & Head

Inaugural address : Dr. R. Sudha Periathai,

Principal

Vote of Thanks : Dr. C. Thamaraichelvi,

Associate Professor

Valedictory Session : 3.30 - 4.00 pm

Welcome Address : Dr. M. Murugalakshmi

Associate Professor & Head

Valedictory Address : Dr. R. Sudha Periathai

Principal

Prize Distribution

Feedback from participants

Vote of Thanks : Dr. S. Shailaja,
Assistant Professor

Organising Committee

Dr. C. Thamaraichelvi, Associate Professor

Dr. N. Uma Sangari, Associate Professor

Dr. P. R. Kavitha Rani, Assistant Professor

Dr. D. Rajamani, Assistant Professor

Dr. J. Vinnarasi, Assistant Professor

Dr. R. Radha, Assistant Professor

Dr. C. Thangapriya, Assistant Professor

Mrs. N. Uma Mareeswari, Teaching Assistant



**SCAN HERE FOR
REGISTRATION**

For Further Details Contact the Programme Coordinators

Dr. S. Shailaja

Assistant Professor

9840534284

Dr. J. Porkodi

Assistant Professor

9894795540

Registration Fees : Rs. 200 per student

Registration link : <https://forms.gle/JUC72RQrZ4qsUsa98>



Scan Here For Payment