

ICRAMC- 2023 Report

7th International Conference on Recent Advances in Material Chemistry (ICRAMC - 2023) organized by Department of Chemistry SRM Institute of Science and Technology, Kattankulathur was held at T.P.Ganesan Auditorium, Mini Hall-1 and in MBA seminar hall in association with **Alternative Energies and Atomic Energy Commission (CEA), & Universite Gustave Eiffel, France**, sponsored by **DST-SERB** and **CSIR-India** commenced with the invocation. Prof. **M. Arthanareeswari**, Head of Chemistry, and Convenor of ICRAMC 2023, welcomed the delegates. The presidential address was delivered by our, honorable vice-chancellor **Prof. C. Muthamizhchelvan**, SRMIST. **Dr. K. J Sreeram**, Director, CSIR-Central Leather Research Institute- India was the Chief Guest of the conference and delivered the inaugural address. Our guest of Honor is **Prof. Jerzy Duszynski**, Former President – Polish Academy of Sciences, Poland. Prof. **D. John Thiruvadigal**, Chairperson, School of Applied Sciences, SRMIST and Prof. **B. Nepollian**, Dean (Research) graced the program with their presence. **Dr. K. Ananathanarayanan**, Research Associate Professor, and Coordinator of ICRAMC 2023, introduced the chief Guest. along with all the dignitaries on the dias released the proceedings of the ICRAMC 2023. **Dr. Gopal Chandru Senadi**, Research Assistant Professor, and Coordinator of ICRAMC 2023





From Top left to bottom right: 1. Lighting Kuthu Vilaku, 2. Welcome address by Prof. **M. Arthanareeswari**, Head of Chemistry, and Convenor of ICRAMC 2023, 3. Release of Conference Proceedings by dignitaries, 4. Presidential address by Vice Chancellor, **Prof. C. Muthamizhchelvan**, SRMIST, 5. Inaugural address by **Dr. K. J Sreeram**, Director, CSIR- Central Leather Research Institute- India, 6. Special address by guest of honor is **Prof. Jerzy Duszynski**, Former President – Polish Academy of Sciences, Poland. 7. **Dr. K. Ananathanarayanan**, Coordinator, ICRAMC 2023 welcoming the guest, 8. **Dr. Gopal Chandru Senadi**, Coordinator, ICRAMC 2023 proposing vote of thanks.

proposed the vote of thanks. **Dr. Pushpamalini**, Assistant Professor conducted the Master of Ceremony. Chief Guest.

The technical session started from the first invited talk by **Prof. Alberto Bianco**, Deputy Director, Fellow of the European Academy of Sciences (EURASC). He discussed how the functional groups present in the graphene oxide can be explored for anchoring various small molecules, which is explored to fine tune its biological properties.



1. Technical talk by Dr. Alberto Bianco and 2. Dr. Senthilandavan, Associate Professor felicitating the speaker

Followed by his talk, **Dr. Eric Doris**, Research Director – Alternative Energies and Atomic Energy Commission (CEA), France discussed their research findings in the carbon nanotubed based heterogeneous catalysts applied to synthetic transformations. **Prof. Andreas Schneemann**, Universität Dresden, Dresden, Germany explained about the influence of **Side Chain Functionalized Covalent Organic Frameworks**.



1. Technical talk by Dr. Eric Doris and 2. Technical talk by Andreas Schneemann

In the next talk, **Prof. Sodio C. N. Hsu**, Kaohsiung Medical University, Kaohsiung, Taiwan, discussed the effect of pyridyl arm in bioinspired reactivity of beta-diketiminato copper complexes. Technical session for Day 2 started with **Prof. Guillaume Maurin**, Université Montpellier, France. He highlighted the need of synergistic efforts from computational and experimentalist to bring novel materials for molecular adsorption/separation.



1. Technical talk by Dr. Sodio C. N. Hsu and 2. Technical talk by Prof. Guillaume Maurin

Sixth talk was based of fabrication of vesicular structure from mixed surfactant systems by **Prof. Chang**, national Cheng Kung University, Taiwan. After that, **Prof. Shanmugam**, from DGIST south Korea showcased their findings in carbon-free fuels for sustainable future



1. Technical talk by Dr. Chang and 2. Technical talk by Prof. Shanmugam

Day 3 started with invited talk **Prof. Chai-Lin Kao** Kaohsiung Medical University, Kaohsiung, Taiwan on the topic, **Preparation and Applications of Well-defined Lysine Dendrimers**. Followed by **Kao, Prof.**

Palani Balaya, from National University of Singapore, Singapore talked about **Energy Storage Systems using Na-ion Battery Technology**.



The final invited talk of ICRM-2023 was given by Prof. Wei-Yu Lin, Kaohsiung Medical University, Kaohsiung, Taiwan on Selective **C-N Bond Cleavage to Unlock Amides Through with a Continuous Flow Approach**.

Valedictory Session: The valedictory session of ICRAMC 2023 was held on 18 February, 2022 at 3:00 – 4:00 pm. A concluding report summarizing all the activities of the conference was presented by Dr. P. Gopinath, Research Assistant Professor, Department of Chemistry, SRMIST. Several participants expressed their positive feedbacks about the conference. Panel of judges (Dr. Goutam Kumar Kole, Dr. G. Maduraiveeran, and 3. Dr. Susnata Pramanik) evaluated the oral presentations and another panel of judges (Dr. Samarendra Maji, Dr. Helen Annal Therese, Dr. V. Kumaran, Dr. Priyadip Das, Dr. Manab Kundu Dr. M. Ganesh Pandian, Dr. Palash Sanphui, Dr. Prasant Kumar Nayak, Dr. Anjan Bedi and Dr. R. Vengadesh Kumara Mangalam) evaluated the poster presentations. The full papers presented in the conference ICRAMC 2023 will be processed for possible publications in 'Material Today: Proceedings' Journal (Elsevier, Scopus Indexed). Diverse research problems were discussed, and the platform enabled an active interaction between young researchers and faculty members. Based on several key parameters, the panel of judges selected 10 best oral presentations and recommended for awards. Our Registrar, Prof. **S. Ponnusamy**, felicitated the award winners. Dr. Tanay Kundu, Assistant Professor proposed the Vote of Thanks.

The conference had totally **10** invited talks, **44** oral presentations and 146 poster presentations. Out of these **three** best oral and **five** best poster presentations were selected for best paper presentations awards.

Following participants were selected for awards for their oral and poster presentations in the conference.

List of Best oral presentation awards (not in the order of merit)

S. No	Name	Institute	ID No.
1	Gopika G Nair	CMS College	270/OP35
2	Swathi puli	Anna University	261/OP27
3	C. Sumithaa	SRMIST	65/OP31

List of Best Poster presentation awards (not in the order of merit)

S. No	Name	Institute	ID No.
1	M. Roshni	IIT Palakkad	244/pp45
2.	Shivani Tripathi	BITS Pilani (Hyderabad campus)	47/pp79
3.	S. Soumya	Cochin University of S&T	157/pp28
4.	Dhatshanamoorthy	SRMIST	243/pp136
5.	Silambarasan R	SRMIST	pp85



Convener, ICRAMC 2023:

Prof. M. Arthanareeswari, Head, Department of Chemistry, SRMIST, Kattankulathur 603203.