



Mangalore University

Department of Studies in Chemistry

International Webinar on Recent Advances in Organic Synthetic Methods (RAOSM 2021)

Chief Guests

- Dr. B. Ravichandran, ROHC, ICMR Bengaluru
- Prof. P. S. Yadapadithaya, Mangalore University
- Prof. Irishi N. N. Namboothiri, IIT Bombay
- Prof. Bhisma K. Patel, IIT Guwahati
- Prof. S. K. Awasthi, University of Delhi
- Prof. A. S. Achal Kumar, IIT Guwahati
- Prof. Akshai Kumar, Mangalore University

Resource Persons

- Prof. P. S. Yadapadithaya, Mangalore University
- Prof. Irishi N. N. Namboothiri, IIT Bombay
- Prof. Bhisma K. Patel, IIT Guwahati
- Prof. S. K. Awasthi, University of Delhi
- Prof. A. S. Achal Kumar, IIT Guwahati
- Prof. Akshai Kumar, Mangalore University

Program Schedule

Friday, 27-08-2021

- 10:00am-11:00am Inauguration
- 11:00am-12:00pm Lecture 1: Prof. Irishi N. N. Namboothiri, IIT Bombay, India: Role of Bestmann-Ohira Reagent and its Sulfone and Ester Analogues as Michael Donors and 1,3-Dipolar Precursors
- 12:00pm-01:00pm Lecture 2: Prof. Bhisma K. Patel, IIT Guwahati, India: Intermolecular Amination of Remote and Proximal Unactivated Csp³-H Bonds Through Intrinsic Substrate Reactivity - Expanding towards a Traceless Directing Group Approach
- 01:30pm-04:15pm Lecture 3: Prof. Nonappa, Tempere University, Finland: Plant Triterpenoid-Based Building Blocks for Functional Organic Nanomaterials

Saturday, 28-08-2021

- 10:00am-11:00am Lecture 4: Prof. S. K. Awasthi, University of Delhi, India: Design, Synthesis and Antimalarial Activity of Tetraoxane Analogs
- 11:00am-12:30pm Lecture 5: Prof. A. S. Achal Kumar, IIT Guwahati, India: Self-assembled Nanostructured Organic Semiconductors
- 02:30pm-04:30pm Lecture 6: Prof. Akshai Kumar A. S., M. S. Shivaraj, India: High-Throughput Discovery of New Heterocyclic and Their Specialty Applications

Department of Studies in Chemistry, Mangalore University organised an international webinar on Recent Advances in Organic Synthetic Methods (RAOSM 2021) during August 27th - 28th 2021.

Eminent Professors from various institutions across India and abroad were invited as resource speakers to deliver the lectures. Dr. B. Ravichandran, ROHC, ICMR Bengaluru was our guest of honor for the inauguration function. Prof. P. S. Yadapadithaya presided over the Inauguration function on 27th August 2021. After the Inauguration, Prof. Irishi N. N. Namboothiri, IIT Bombay delivered the first lecture on 'Role of Bestmann-Ohira Reagent and its Sulfone and Ester Analogues as Michael Donors and 1,3-Dipolar Precursors'. The 2nd lecture of the Day 1 was delivered by Prof. Bhisma K. Patel, IIT Guwahati on 'Intermolecular Amination of Remote and Proximal Unactivated Csp³-H Bonds Through Intrinsic Substrate Reactivity - Expanding towards a Traceless Directing Group Approach'. Prof. Nonappa, Tempere University, Finland gave last lecture of Day 1 on Plant Triterpenoid-Based Building Blocks for Functional Organic Nanomaterials.

On Day 2, Prof. S. K. Awasthi, University of Delhi, presented the 1st lecture on 'Design, Synthesis and Antimalarial Activity of Tetraoxane Analogs'. Similarly, Prof. A. S. Achal Kumar, IIT Guwahati, delivered the 2nd lecture on Self-assembled Nanostructured Organic Semiconductors. The last lecture of the webinar was presented by Prof. Akshai

Kumar A. S., IIT Guwahati, on Poly-Fluorinated Poly-Aromatic Hydrocarbons and Their Versatile Applications’.

Faculties of various institutions, MSc students, Guest faculties and other invitees participated in the webinar. Overall around 250 participants benefited from this webinar on various organic synthetic methods. Resource persons spoke on their recent research works related to advanced organic synthetic methods for the synthesis of biologically and medicinally important molecules. Many of the participants interacted with resource persons after their presentations. After all the lectures, valedictory function was conducted. Prof. Kishore Kumar C. K. Registrar, Mangalore University presided over this valedictory function. Dr. Sridhara K., ArkGen Pharma Pvt. Ltd., Bengaluru was our guest of honor.

