



Mangalore University

Department of Studies in Chemistry

International Webinar on Frontier Research in Chemical Sciences (FRCS 2020)



Mangalore University
Mangalagangothri - 574 199

Department of Studies in Chemistry
Organises
International Webinar
on
Frontier Research in Chemical Sciences 2020
September 10 - 12, 2020

Free Registration. * e-certificates to participants
Online Platform [Click to Register](https://forms.gle/3GwVQdKfHkxwffW) Scan QR code

Resource Persons
Alumnae of the Department

 Dr. Sahana Mallya SRI International, USA	 Dr. Rashmi Nayak NCL Pune, India	 Dr. Shridevi S. Bhat New York, USA
 Dr. Anitha Alanthadka IIT Roorkee, India	 Dr. A. A. Ananthia RIMS, Hokkaido University, Japan	 Dr. Sahana Rosenthal Max Planck Institute, Germany

Patron
Prof. P. S. Yadapadithaya, Hon'ble Vice Chancellor

Prof. B. Vishalakshi Coordinator	Prof. G. K. Nagaraja Chairman	Sri K. Raju Mogaveera (IAS) Registrar
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Organising Committee
Prof. Subashini Kalluraya
Prof. B. Narayana
Prof. Raju Poojary
Prof. Bagadeesh Prasad D.
Dr. M. A. Muddani



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Program Schedule
Thursday, 10-09-2020

10.00am-10.30am	Inauguration
10.30am-11.30am	Lecture 1: Dr. Sahana Mallya, SRI International, USA Title: SynJet™ – An automated chemistry platform for high throughput reaction screening and optimization
11.45am-12.45pm	Lecture 2: Dr. Rashmi Nayak, NCL Pune, India Title: Luminescent molecular liquids for large area lighting applications

Friday, 11-09-2020

10.30am-11.30am	Lecture 3: Dr. Shridevi S. Bhat, New York, USA Title: How nanotechnology can change the world?
11.45am-12.45pm	Lecture 4: Dr. Anitha Alanthadka, IIT Roorkee, India Title: Sustainable catalytic methodologies towards the synthesis of bi-heterocyclic compounds

Saturday, 12-09-2020

10.00am-11.00am	Lecture 5: Dr. A. S. Ananthia, RIMS, Hokkaido University, Japan Title: Targeted activation of motor proteins – driven molecular transportation by visible light
11.15am-12.15pm	Lecture 6: Dr. Sahana Rosenthal, Max-Planck Institute, Germany Title: Spin-orbit enlarged states in 4d and 5d transition element compounds
12.30pm-01.00pm	Valedictory



Department of Studies in Chemistry, Mangalore University organised an international webinar on Frontier Research in Chemical Sciences (FRCS 2020) during September 10 - 12 2020.

This webinar was very special as all the invited resource persons are Alumnae of the Department of Chemistry, Mangalore University who are actively involved in research in India and abroad. Inauguration of the webinar was done on September 10 2020. Prof. P. S. Yadapadithaya presided over the Inauguration function. After the Inauguration, Dr. Sahana Mallya, SRI International, USA delivered the first lecture on 'SynJet™ – An automated chemistry platform for high throughput reaction screening and optimization. The 2nd lecture of the Day 1 was delivered by Dr. Rashmi Nayak, NCL Pune, India on 'Luminescent molecular liquids for large area lighting applications.

On the Day 2, Dr. Shridevi S. Bhat, New York, USA delivered the first lecture on 'How nanotechnology can change the world?' Subsequently, Dr. Anitha Alanthadka, IIT Roorkee, India presented the 2nd lecture on the topic 'Sustainable catalytic methodologies towards the

synthesis of N-heterocyclic compounds’ On the Day 3, Dr. A. S. Amrutha, RIES, Hokkaido University, Japan delivered the lecture on ‘Targeted activation of motor protein – driven molecular transportation by visible light’. The last lecture of the webinar was presented by Dr. Sahana Roessler, Max-Planck Institute, Germany on the topic ‘Spin-orbit entangled states in 4d and 5d transition element compounds’.

Faculties of various institutions, MSc students, Guest faculties and other invitees participated in the webinar. Overall around 250 participants benefited from this webinar. Almost all the participants appreciated the organising team for arranging such a wonderful webinar. Many of the participants actively interacted with all the resource persons. After all the lectures, valedictory function was conducted. Sri K. Raju Mogaveera, Registrar, Mangalore University presided over the valedictory function.

