

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

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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 Roorkey, India



Dr. A. S. Amrutha
RIES, Hokkaido University, Japan



Dr. Sahana Roessler
Max-Planck Institute, Germany

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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 N-heterocyclic compounds

Saturday, 12-09-2020

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

