International Conference *on*Recent Developments in Organic and Applied Chemistry-2020

(RDOAC-2020, A virtual meeting)

Organized by: Department of Chemistry, SAS, KIIT- Deemed to be University, Bhubaneswar, India





6th July 2020 (DAY 1): Indian STANDARD TIME

9:00-9:30 AM <u>Inaugural Program</u>

Technical Session-1: 9:30 AM to 12:10 PM Chairperson: Prof. T K Bastia

9:30-10:10 AM

Invited Lecture-1

Prof. Nan Zheng, University of Arkansas, Fayetteville, USA

Topic: Harnessing Synthetic Potential of Photogenerated Distonic Radical Cations: From Annulation to Difunctionalization Reactions

10:10-10:50 AM



Invited Lecture-2

Prof. Uday Maitra, IISc-Bangalore, India

Topic: Bioanalytical Applications of Soft Photoluminescent Materials

10:50 AM-11:30 AM



Invited Lecture-3

Dr. Bhanu Manjunath, Syngenta Biosciences Pvt Ltd., India Topic: Crop Protection R & D-Accelerating Innovation in a

Changing World

11:30 AM-12:10 PM



Invited Lecture-4

Prof. Dilip K. Maiti, University of Calcutta, India

Topic: Diverse Organic Synthesis, Functional Materials

for Nanoelectronics, Sensors and Smart Devices

LUNCH BREAK (12:10 PM – 2:00 PM)

Technical Session-2: 2:00 PM to 3:45 PM Chairperson: Prof. K. G. Mishra

2:00-3:45 PM Oral Presentation

Dr. Somnath Mandal, INSERM, France

Dr. Hemant Kumar Kishan, Hebrew University, Israel

Ms. Sruti Mandal, NISER, India

Ms. Anjali Dahiya, IIT Guwahati, India

Dr. Sagarika Bhattacharya, Ben Gurion University, Israel

Ms. Barnali Roy, NIT Rourkela, India

Dr. Soumabrata Goswami, Amity University, Kolkata, India

3:45 PM Concluding Remarks

7 th July 2020 (DAY 2): Indian STANDARD TIME	
Technical Session-3: 9:00 AM to 12:10 PM Chairperson: Prof. P. Rath	
9:00-9:40 AM	Invited Lecture-1 Prof. Debabrata Maiti, IIT Bombay, India Topic: Designing of Templates to Reach the Distal C-H bond
9:40-10:10 AM	Oral Presentation
	Dr. Jiang Wang, University of Wisconsin-Madison, USA
	Dr. Avik Pati, St. Jude Children's Research Hospital, Memphis, USA
10:10-10:50 AM	Invited Lecture-2 Prof. Joyanta Choudhury, IISER Bhopal, India Topic: Revisiting "Hydrogen Economy": A "Switchable Catalysis" Approach on Liquid Organic Hydrogen Carriers (LOHCs)
10:50-11:30 AM	Invited Lecture-3 Prof. Debayan Sarkar, NIT Rourkela, Inida Topic: Visible Light Oxidative Dearomatisation of Phenols
11:30-12:10 PM	Invited Lecture-4 Prof. Tapas Kumar Mandal, IIT Roorkee, India Topic: Perspectives on Layered Perovskites in Solar Photocatalysis
LUNCH BREAK (12:10 PM-2:00 PM)	
Technical Session 4: 2:00 PM to 3: 50 PM Chairperson: Prof. K. Parashar	
2:00 PM-2:40 PM	Invited Lecture-5 Prof. Daniele Leonori, University of Manchester, UK Topic: Photoinduced Assembly of C-N and C-C bonds
2:40-3:20 PM	Invited Lecture-6 Prof. C. Gunanathan, NISER, Bhubaneswar, India Topic: Green Catalysis Facilitated by Amine-Amide Metal-Ligand Cooperation
3:20 PM-3:30 PM	Concluding remarks and suggestions