School of Chemical Sciences Goa University

Report on talk By Dr. Srinivasarao Yaragorla on 11th July 2023

The School of Chemical Sciences organized a seminar on 11th July 2023 at 3.30 p.m. on the topic *"Harnessing the Ambiphilic Reactivity Towards a Sustainable Synthesis of Privileged Molecules"*. The talk was delivered by Dr. Srinivasarao Yaragorla associate professor, the School of Chemistry, University of Hyderabad.

Dr. Srinivasarao Yaragorla is a synthetic organic chemistry, mainly, exploring the reactivity pattern of amphiphilic substrates with ambident nucleophiles & development of metalcatalyzed reactions. Dr. Yaragorla's talk was mainly focused on Chemo- and stereoselective synthesis of substituted-heterocyclic compounds using alkaline earth catalysts. He also talked about calcium-catalyzed intramolecular hydroamination-deacylation reaction of in situ formed alpha-Amino Allenes. His core idea is to develop reactions from simple/easily/readily available materials to make molecular complexity and small molecules of potential interest. He emphasized the use of in situ formed allenes, C-acylimines, propargyl alcohols, and push-pull enamines as the key building blocks for the synthesis of various privileged molecules.

The seminar was coordinated by Dr. Rupesh Anta Kunkalkar, who also gave a vote of thanks at the end of the talk. Dr. Bidhan Shinkre, vice-Dean Research introduced the speaker at the start of the talk. The talk was attended by a total of 49 attendees among which 31 were students, 6 faculties and 12 PhD students.

The glimpses of the event, attendance sheet and other relevant information can be seen at the end of the document.

Reported by

Dr. Rupesh A. Kunkalkar Convenor

Dr. Anjani P. Nag S. Verenkar Chairperson an, SCS SCS Events Commit



Goa University

Taleigao-Plateau, Goa, India 403206 School of Chemical Sciences (SCS)

Organizing a talk on 11th July 2023 at 3.30 pm on the topic

"Harnessing the Ambiphilic Reactivity Towards a Sustainable Synthesis of Priviledged Molecule"



by Dr. Srinivasarao Yaragorla

School of Chemistry University of Hyderabad, Telangana

Venue: LH-1, SCS, GU

Dr. Rupesh Kunkalkar Convener Prof. V. M. S. Verenkar Dean, SCS

Organizer: SCS Seminar Committee

Date: 11 July 2023 3.30 m. Name of the speaker: Prof. Svinivasarao Yaragorla Title : Harnessing the Ambiphilic Reactivity Towards a Sustainable Synthesis of Privileged Molecule ATTENDANCE Sr. No. -Sjan Name, loste Andrea 1 Da costa acosta DaCosta hanaid KN/L Sheffali J Jener 3 PRU23 Ravina Stepy Vaz 4 (enlarge Elvisha Colaco 5. Satip. Satys S. Kunkalienkar 6 elle Shreesha H. Khandeparkar I Shari shruti . R. chali 8 Vishnu R. Clari 9. Pritesh P. Khebrekar NK 10 . Nitch Very: 11 Affermallow . Nikita NI. Karmolkar 12. Holgenhow Siddhi K. Salgaonkar 13. Mohit B. Khandepanka 1h. Pride. Vignesh Naidu 15. Holingues Mark Rodrigues 16. Vak Phatham Kusunikaa 17 KHA Kavita Kumani V. Bind 18 Quedet Deepti Mohite 19 Ahatka. Shoungi V. Rhatkan 20 Countral Lakisha T. Graunexar 21 Plaison. Phachi P. Naidhya 22

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