

Guest Lecture

on

"General Organic Chemistry"

(15th June, 2024)

The Department of Chemistry at KBN College organized a guest lecture on "General Organic Chemistry" on the 15th of June, 2024. The lecture was delivered by the esteemed Dr. T. Ramana, an Associate Professor from VIT, AP. This event aimed to enhance the understanding of fundamental concepts in organic chemistry among students and faculty members.

Dr. T. Ramana is a distinguished scholar with extensive experience and expertise in organic chemistry. His contributions to the field have been recognized both nationally and internationally. The lecture was attended by over 98 students and 4 faculty members from the Department of Chemistry.

The event commenced with a warm welcome address by Capt. K.P.T. Vijayabhaskar, faculty of Chemistry Dept.. He introduced Dr. T. Ramana and highlighted his academic achievements and contributions to the field of chemistry.

Highlights of the Lecture:

1. Introduction to Organic Chemistry:

Dr. Ramana began by providing a comprehensive overview of organic chemistry, emphasizing its importance and applications in various fields such as pharmaceuticals, materials science, and biochemistry.

2. Fundamental Concepts:

The lecture covered fundamental concepts of organic chemistry, including:

- Structure and bonding in organic molecules
- Functional groups and their reactivity
- Stereochemistry and its implications in chemical reactions

3. Reaction Mechanisms:

Dr. Ramana explained the mechanisms of key organic reactions, such as nucleophilic substitution, electrophilic addition, and elimination reactions. He also discussed the principles governing reaction kinetics and thermodynamics.

4. Modern Techniques in Organic Chemistry:

The lecture also touched upon modern techniques used in organic synthesis and analysis, including:

- Spectroscopic methods (NMR, IR, and Mass Spectrometry)
- Chromatographic techniques (HPLC, GC)
- Computational chemistry tools

5. Interactive Session:

Dr. Ramana encouraged an interactive session where students and faculty members posed questions related to organic chemistry concepts and real-world applications. He provided insightful answers and practical examples, enhancing the participants' understanding.

6. Career Guidance:

Towards the end of the lecture, Dr. T. Ramana shared valuable advice on pursuing a career in organic chemistry. He emphasized the importance of research, continuous learning, and staying updated with the latest advancements in the field.

The lecture concluded with a vote of thanks by Ms. K. Swathi, who expressed gratitude to Dr. T. Ramana for his enlightening presentation and to the attendees for their active participation. The event was a resounding success, providing attendees with a deeper understanding of organic chemistry and inspiring them to further explore the subject.

Overall, the guest lecture by Dr. T. Ramana was an enriching experience for all participants, leaving them motivated and better informed about the intricacies and significance of general organic chemistry.





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NAAC 'A++' GRADE CYCLE 4

KAKARAPARTI BHAVANARAYANA COLLEGE

(AUTONOMOUS)

(Sponsored by S.K.P.V.V.Hindu High Schools' Committee)

Kothapeta, Vijayawada-520 001.



Invitation

Guest Lecture

on

'GENERAL ORGANIC CHEMISTRY'

15th June, 2024 @ 3:30 P.M.



Venue

UG Seminar Hall

Resource Person

Dr.T. Ramana

Associate Professor

Grade 1, VIT, A.P.



Organized by

Department of Chemistry



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