

## Alkemia Association Inaugural Lecture October 7, 2024

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### Alkemia Report: Inaugural Lecture October 7, 2024

The Alkemia Association Inaugural lecture was held on 7<sup>th</sup> October 2024. The lecture was delivered by the guest speaker Dr. P. Venkateswaran, Team Member in Sri City Operations, focusing on environmental and sustainability initiatives. His title of the presentation is "Sustainable Development and Climate Change Mitigation: Insights and Case Study from Industrial Zones"

The Inaugural Lecture covered the following topics.

- The program was started through the Qirath, Mr. I. Mohamed Ashik, Research Scholar.
- The welcome address was delivered by Prof. N. Hajarabeevi, HOD of Chemistry.
- Prof. Kuti Rani, Director, PG Admissions had given a speech about Alkemia Activities.
- Presentation of Memento to the guest speaker was given by Prof. I. Raja Mohamed, Prof. N. Hajarabeevi, Prof. S. Kuti Rani and Dr. Swapan Kr. Das and Dr. Jasmine Jacob.
- Dr. Swapan Kumar Das, Coordinator of the Alkemia Program has given a brief introduction to the guest speaker, Dr. P. Venkateswaran
- More than 48 M. Sc. in Chemistry students, research scholar and faculty members of department of chemistry were participated in this program.
- The presentation was on sustainable development and climate change. The pre-What sustainable development, its importance, reasons for current environmental crisis, GHG emission and global warming, global land-ocean temperature, pillars of sustainable development, UN's 17 sustainable development goals, the Paris Agreement: the world's climate action plan, importance in the business world, development concept for industrial park, work – live – learn – plays strategies, quality civic & social infrastructure, water - a powerful element, annual water budget sharing (%), consumption of resources & re, reduce, reuse, recycle, refuse, bio-methanation, landscaping practices, miyawaki plantations, sustainable power and renewable energy, sustainable transport, solar based applications, what are the rewards? and future directions.
- Discussed about the job opportunity and guideline to get the job to the industry.
- Today's program was very informative, extensively knowledgeable, and inspired and motivated students and ultimately it was a successful one.
- Students of the M. Sc. III-semester and I-semester participate in different events.
- First event - complete the entire Periodic Table and award has been given to the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> position of students of the M. Sc. III-semester and I-semester.
- Second event - identification of renowned scientist and express about their research contribution. Gift has been to them whoever has given correct answer.

- Then, the vote of thanks by Dr. Jasmine Jacob, Assistant Professor of the Department of Chemistry and entire program anchored by Ms. Meena and Ms. Aafiya.



