

## Guest Lecture on : Basic Aspects of Chemical kinetics and photochemistry

The Department of Chemistry, Sri GVG Visalakshi College organized a Guest Lecture on “Basic Aspects of kinetics and photochemistry” on 26<sup>th</sup> October 2017 at Assembly hall. The guest speaker was **Prof. RAJALINGAM RENGANATHAN**, UGC-Emeritus Fellow, School of chemistry, Bharathidasan University, Trichirappalli .The event started with invocation song followed by a welcome address by Dr. M.Indrani. The lecture started around 9.30 AM and ended around 11.30 AM.



The session was made interactive by thought provoking questions posed by Professor **Mr RENGANATHAN** to the student audience for which convincing answers were given by the students. Later speaker has narrated his version of answer and the captivated way of narration of answers by speaker has created an excitement among the students.

The session went on by addressing the various important areas like

1. Basic Aspects of kinetics and photochemistry with day to day examples
2. Mechanism behind Michel Menton Catalysis with illustrations
3. Law's of Photochemistry and explanation of Jablonski diagram.
4. Basic concepts of photocatalysis and its application in water purification.
5. Birth of dye sensitized solar cells.
6. Synthesis and binding interaction of Cadmium telluride quantum dots and its application.



In addition to above, he further discussed about Research Avenues in Germany and Industrial collaborations.

He also suggested III year students to pursue higher education and choose research as their carrier option

He concluded the session by presenting photos, showcasing the laboratory facility in Bharathidasan University and Max Plancks Institution, Germany.

The lecture was received with admiration by the students and they also found the slides appropriate.

The lectures come to an end with vote of thanks proposed by Dr. E.Vaishnavi

The lecture has proven to be very inspiring and informative for the students.

