

# SRI G.V.G VISALAKSHI COLLEGE FOR WOMEN

**(Autonomous)**

Accredited at 'A+' Grade by NAAC

An ISO Certified Institution

Udumalpet

## DEPARTMENT OF CHEMISTRY

### GUEST LECTURE

**Date:** 17.07.2019

**Time:** 10. 00 a.m.

**Venue :** I B. Sc Chemistry

### Programme

**Prayer Song** : Miss. Sindhiya S  
I B.Sc., Chemistry

**Welcome Address** : Mrs. M. Malarvizhi  
Head and Assistant Professor in Chemistry  
Department of Chemistry

**TOPIC** : *“Quantum Chemistry”*

**Resource Person** : Dr.M.Karunanidhi,  
Assistant Professor in Chemistry,  
Government Arts college, Udumalpet

**Vote of Thanks** : Miss. A. Madhumitha  
I B. Sc., Chemistry

**National Anthem**

**Sri G.V.G. Visalakshi College for Women (Autonomous), Udumalpet**  
**Department of Chemistry**

The department of chemistry organized a guest lecture on Quantum Chemistry on 17.07.2019. The guest lecture was supported by DBT – Star College Scheme. The program commenced with the invoking the Blessings of the Almighty through prayer song by Miss.Sindhiya of I B.Sc Chemistry. Mrs.M.Malarvizhi, Assistant professor and head delivered the welcome address and introduced the chief guest. She highlighted the importance of Quantum Chemistry.





Dr.M.Karunanithi, Assistant professor in Chemistry commenced his address by appreciating the efforts of the department. Dr.M.Karunanithi gave an insight into the basics of quantum chemistry. He explained the simple methods to solve the schrodinger wave equation. Besides this, he also derived the quantum equation for particle in one dimensional box. He acquaint the students with the recent advances in Quantum chemistry. He also focus on the various aspects like Eigen values and Eigen functions. He explained their applications in various fields. The talk was insightful which dissolved the boundaries between seemingly different Quantum Chemistry and Quantum Mechanics.



The guest lecture was ended with the question and answer session. Dr.M.Karunanithi was duly felicitated by Dr.M.Indrani, Assistant professor in Chemistry. Students expressed their views on the guest lecture.