



**Sri G.V.G. Visalakshi College For Women**, Udumalpet- 642128  
Autonomous and Affiliated to Bharathiar University, Coimbatore  
Accredited at A<sup>+</sup> grade by NAAC (Fourth cycle)  
An ISO 9001:2015 Certified Institution  
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**DEPARTMENT OF CHEMISTRY**  
**Organises DBT Star College Scheme Sponsored Online Guest Lecture on**  
**Thermodynamics and its Applications**

**Date: 25.08.2021**

**Time: 9. 30 am to 11.30 am**

**Resource Person** : **Dr. P. MuthuMareeswaran**  
DST INSPIRE Faculty  
Department of Industrial Chemistry  
Alagappa University, Karaikudi.

**Welcome Address** : **Dr.J. Bhuvaneswari**  
Assistant Professor in Chemistry.

**Vote of Thanks** : **Dr.S. Umadevi**  
Assistant Professor in Chemistry.

**No. of Participants** : **84**

**Online Platform-Google MeetLink:** <https://meet.google.com/chj-rkmn-tkf>

**Feed BackLink** : <https://forms.gle/MYzLhq4qNTZQ8rAi7>

After the Resource Person's introduction, the resource person started his lecture on **Thermodynamics and its Applications** by asking the questions, such as, how the atmosphere heats up and how it cools down?. How do the refrigerator and air conditioner work? Have you heard of thermodynamics or applications of thermodynamics in our routine?. Then, he explored the **Laws of thermodynamics** using real time examples such as precipitations in raining, energy level of drunkard and explained its application for day today life.

## Invitation and Screen Shots

**SRI G.V.G VISALAKSHI COLLEGE FOR WOMEN**  
 Udumalpet, Tamilnadu, India  
 Autonomous - Affiliated to Bharathiar University - An ISO 9001 - 2015 Certified Institution -  
 Re-Accredited at 'A' Grade by NAAC (Fourth Cycle)

**Department of Chemistry**  
 Organises A DBT Star College Scheme Sponsored  
 Online Guest Lecture on

**Thermodynamics and its Applications**

**RESOURCE PERSON**  
**Dr. P. Muthu Mareeswaran**  
 DST INSPIRE Faculty  
 Department of Industrial  
 Chemistry  
 Alagappa University  
 Karaikudi.

**DATE AND TIME**  
 25.08.2021, Wednesday  
 9.30 a.m. - 11.30 a.m.

Meeting Link : <https://meet.google.com/chj-rkmm-tkf>

*You are invited*

**Thermodynamics:**  
 Allows a prediction as to the spontaneous nature of  
 a chemical reaction:

Will this reaction proceed in a forward direction as the  
 reaction is written:

$$A + B \longrightarrow C$$

Will A react with B to form C or not?

Is this reaction going from higher to lower energy?  
**ENERGY not necessarily just heat!!!**

25-Aug-21 Sri G.V.G. Visalakshi College for  
 Women, Udumalpet 2

9:38 AM | chj-rkmm-tkf

(84)

- Dr. J. Bhuvaneswari Chemis...
- muthu mareeswaran
- ranjitha kps
- muthu mareeswaran **NEW**

### Also in the meeting (80)

**Thermodynamic Processes and the First Law**

An isothermal process is one where the temperature does not change.

Movable piston  
 Ideal gas

Higher T  
 Lower T

9:47 AM | chj-rkmm-tkf