

Departmental Activity

Guest Lecturer

On

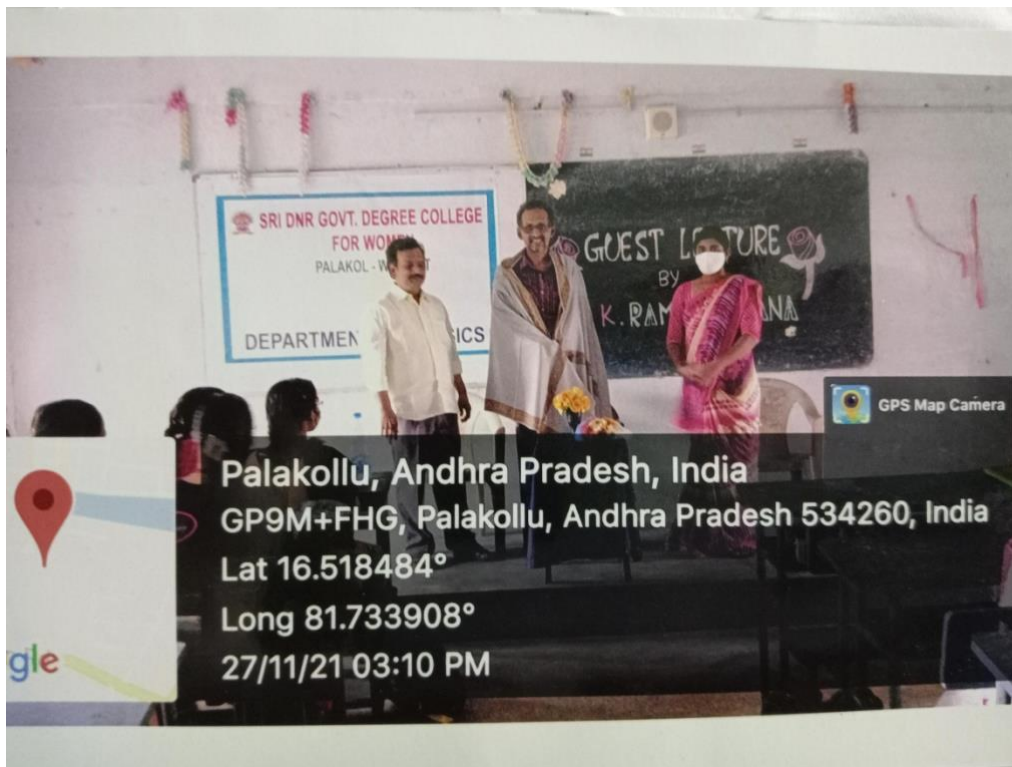
RAMAN EFFECT AND ITS APPLICATIONS

By

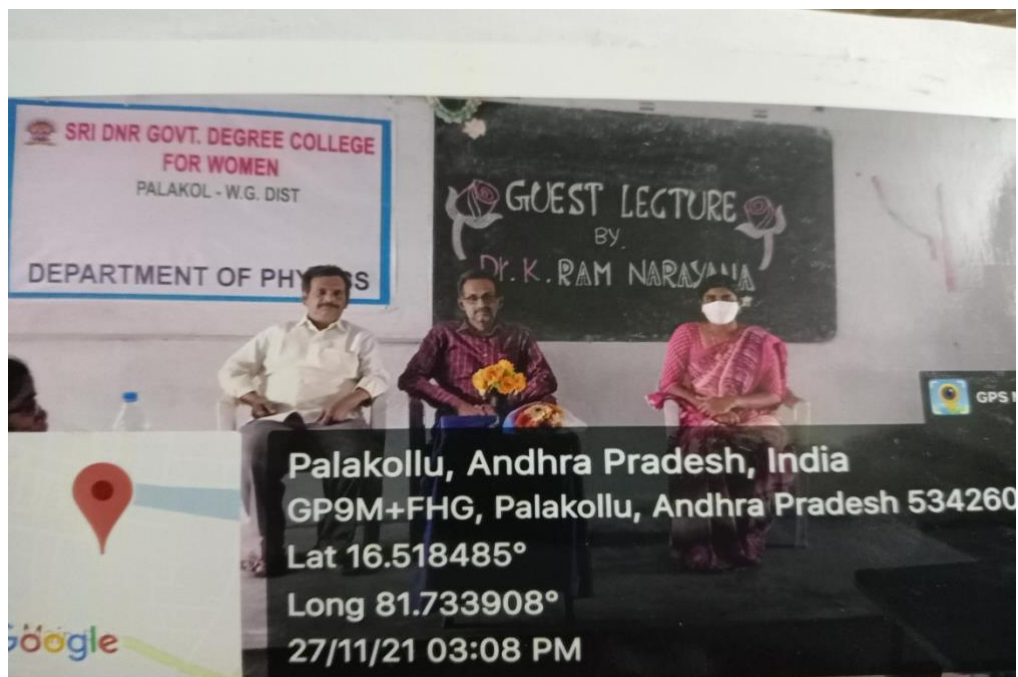
Dr.K.Ram Narayana

Lecturer in physics

A.S.N.M GDC (A), PALAKOLLU.



Guest lecturer on Raman Effect and it's Applications given by
Dr.K . Ram Narayana , Lecturer in Physics ,Sri A.S.N.M GDC(A)
Palakollu conducted by Department of physics Sri DNR GDC(W), Palakollu
On 27-11-2021 at 3pm. II BSC MPc& Mpcs, III BSC Mpc& Mpcs Students are
Activity participated in this Guest lecturer.The faculty Expressed his
Satisfaction.



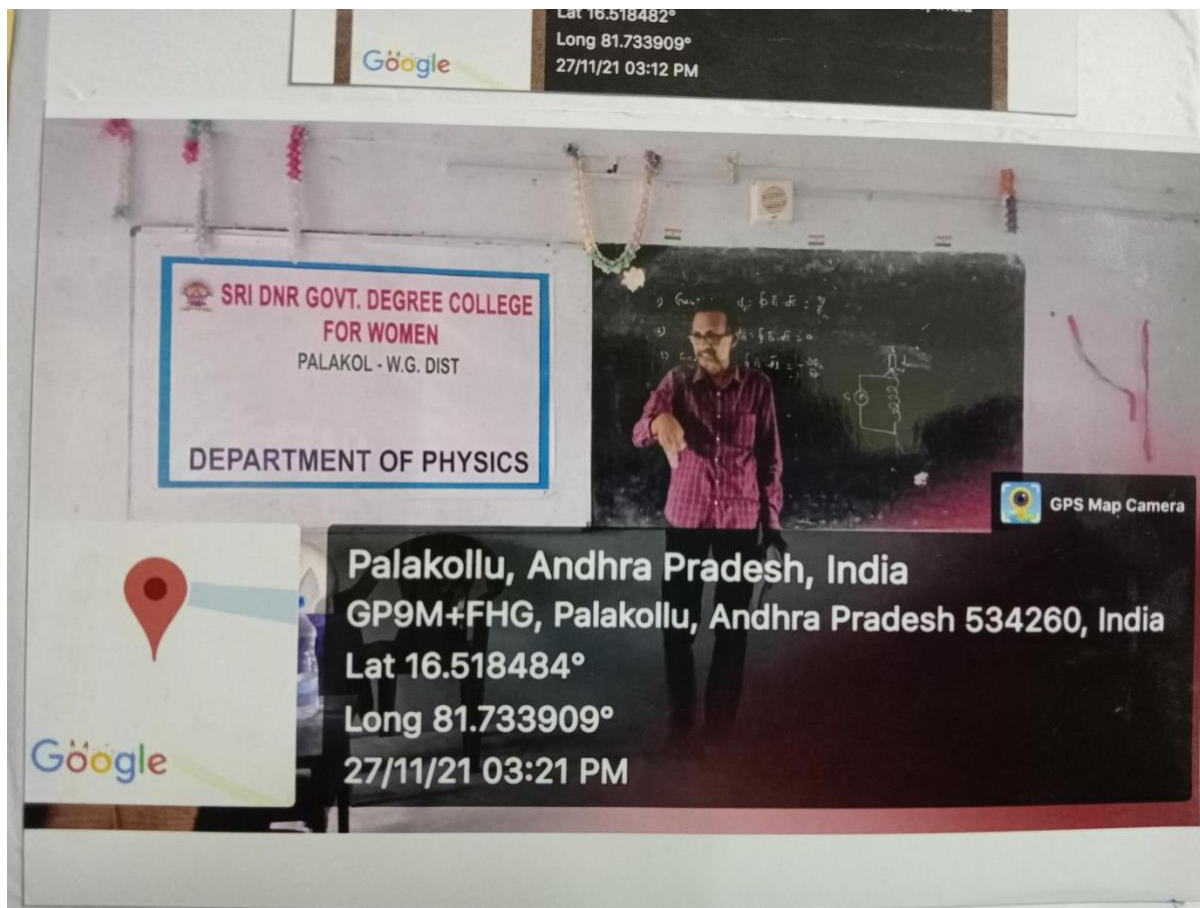
About Guest Lecturer:

In 1928 Sir CV Raman observed the spectrum of Scattered light (in addition to the frequency of incident light) Consists of frequencies greater and smaller than those of the Incident light (beam). This is known as Raman Effect.



**The Raman Effect is named after Indian Scientist C.V Raman
Who discovered it at 1928 with assistance from his student**

**K.S.Krishna. Raman was awarded the Nobel prize in physics
In 1930 for his discovery of Raman Scattering theoretically by
Adolf Smekal in 1923.**



Applications:

- 1. To study the molecular structure of crystal and compounds.**
- 2. To study the composition in plastics,mixtures etc.**
- 3. To decide about single,double and triple bond.**
- 4. To study the spin and statistics of nuclei.**

5. To know the number of atoms in a molecule.

