

**KAKATIYA GOVERNMENT COLLEGE, HANAMKONDA**

**Dist: WARANGAL (U), TELANGANA STATE - 506001**

(Affiliated to Kakatiya University, Warangal)

(e-mail:warangal.jkc@gmail.com, website: <https://gdcts.cgg.gov.in/hanamkonda.edu>)

Date:15.10.2020

Kakatiya Government College, Hanamkonda and Government Degree College, Bhupalapally have together decided to collaborate with each other for the enrichment of Academic Activities of both the colleges.

Through the collaboration, we are agreed upon focusing on the following activities:

- Research, Exchange of Faculty, Exchange of Students/Internships
- Conduct of workshops/seminars/conferences


This collaboration is valid for a period of **FIVE** Years.

  
In-Charge

Department of Chemistry  
Kakatiya Government College  
Hanamkonda

  
In-Charge

Department of Chemistry  
Government Degree College  
Bhupalapally

  
Principal  
Kakatiya Government College  
Hanamkonda

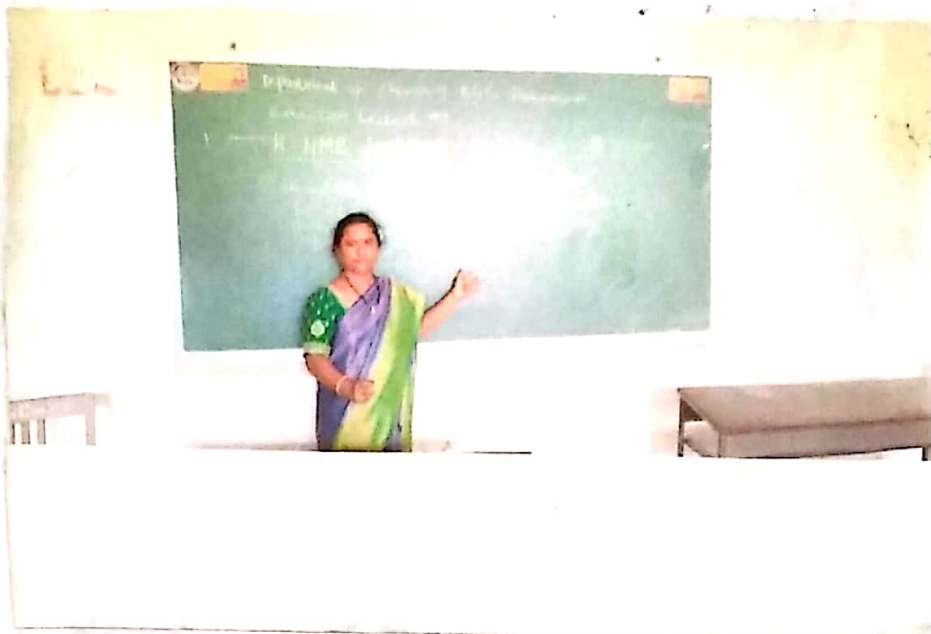
  
Principal  
Government Degree College  
Bhupalapally

DE: 18.11.2021

## EXTENSION LECTURE ON H-NMR Spectroscopy.

Name of the Lecturer: Smt. B. Sandhya Rani  
Class: B.Sc. III<sup>rd</sup> students

Given College: Kakahya University Under  
Kakahya Govt. Degree College  
Hamar Konda.



Summary :-

Spinning Nucleus associates with magnetic moment ( $\mu$ ) and Angular Momentum vector ( $L$ ). Both are parallel to each other.

$$\text{Angular Momentum } L/P = \sqrt{I(I+1)} \cdot \frac{h}{2\pi}$$

Resonance :- Matching of energy of R.F. radiation and energy gap of two nuclear energy levels called Resonance

Govt Degree College

Bhupalpally

Extension Lecture

ON  
co-ordination chemistry

Dr. Jagannath Babu

Asst. Professor  
DEPT OF CHEMISTRY

K. G. H. S. K. P. S.

