

ANDHRA CHRISTIAN COLLEGE, GUNTUR

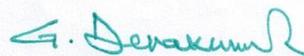
(Day, Evening and PG)

NOTICE

Date: 11-02-2019

This is to inform that there will be a seminar on 'HPLC- Estimation of Drugs' tomorrow, i.e., on 12-02-2019, conducted by the department of Chemistry, at 11 AM. Dr. B. Naga Raju, Vice President of LEIUTIS Pharma, Hyderabad, will address the seminar.

All the students of I, II & III B. Sc. are instructed to attend the programme without fail.



PRINCIPAL

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GUNTUR**

Copy to:

1. The coordinator, IQAC, Andhra Christian College
2. The office manager, Andhra Christian College



Andhra Christian College, Guntur

Department of Chemistry

Seminar Report

Topic: HPLC - Estimation of Drugs

Date: 12-02-2019

Introduction

The Department of Chemistry, Andhra Christian College, Guntur, organized a seminar on "HPLC - Estimation of Drugs" on February 12, 2019. The seminar featured Dr. B. Naga Raju, Vice President of LEIUTIS Pharma, Hyderabad, and a distinguished alumnus of the Department of Chemistry at Andhra Christian College. The seminar was held under the guidance of Dr. N. J. Solomon Babu, Head of the Department of Chemistry.

Objectives of the Seminar

The primary objectives of the seminar were:

1. To bring awareness among students about various analytical techniques used in the pharmacy industry.
2. To understand the role and opportunities of a chemist in the pharmaceutical industry.
3. To provide insights into the practical applications of High-Performance Liquid Chromatography (HPLC) in drug estimation.

Seminar Proceedings

Opening Remarks

The seminar began with an introductory speech by Dr. N. J. Solomon Babu, who welcomed the resource person, Dr. B. Naga Raju, and the participants. Dr. Solomon Babu highlighted the significance of analytical techniques in the pharmaceutical industry and introduced Dr. Naga Raju, emphasizing his achievements and contributions to the field of chemistry.

Introduction to HPLC

Dr. B. Naga Raju commenced the seminar with an overview of High-Performance Liquid Chromatography (HPLC), explaining its principles and components. He discussed the importance of HPLC in the analysis and estimation of drugs.

Key Points Covered:

- Basic principles of HPLC.
- Components of an HPLC system: pump, injector, column, detector, and data processor.
- Types of HPLC: normal phase and reversed-phase.
- The role of HPLC in analytical chemistry and drug estimation.

Applications of HPLC in Drug Estimation

Dr. Naga Raju focused on the applications of HPLC in the pharmaceutical industry. He elaborated on how HPLC is used for the estimation and quality control of drugs.

Key Points Covered:

- Methods of drug estimation using HPLC.
- Case studies and examples of HPLC in drug analysis.
- The role of HPLC in ensuring drug purity and potency.
- Advantages of using HPLC in the pharmaceutical industry.

Role and Opportunities for Chemists in the Pharmaceutical Industry

Aimed to provide students with an understanding of the various roles and opportunities available for chemists in the pharmaceutical industry, Dr. Raju shared his experiences and insights into career prospects.

Key Points Covered:

- Career opportunities for chemists in the pharma industry.
- Skills and qualifications required for a successful career in pharma.
- The significance of analytical techniques in pharmaceutical research and development.
- Tips for aspiring chemists to build a career in the pharmaceutical industry.

Interactive Session

An interactive session followed the main presentations, allowing students to ask questions and engage in discussions with Dr. Naga Raju. This session was highly informative and provided students with a deeper understanding of HPLC and its applications.

Conclusion

The seminar concluded with a vote of thanks by Dr. M. Kusuma Kumari, Senior Lecturer. The students expressed their gratitude to Dr. B. Naga Raju for his insightful and engaging presentation. The seminar successfully achieved its objectives, raising awareness about analytical techniques in pharmacy and highlighting the role and opportunities for chemists in the pharmaceutical industry.

Acknowledgements

The Department of Chemistry, Andhra Christian College, Guntur, extends its heartfelt gratitude to Dr. B. Naga Raju for his valuable contribution to the seminar. Special thanks to the faculty members, and students for their active participation and support.

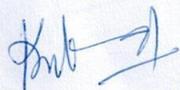
Dr. B. Naga Raju, delivering his speech

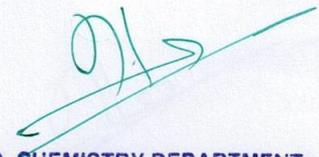




STUDENT ATTENDANCE

S.No. Y ₁₈	Class No.	Name of the student	Signature of the student
1	601	K. Akhila	Akhila.k
2	602	M. Vajram	M. Vajram
3	603	S. Mahalakshmi	S. Mahalakshmi
4	605	B. Jyothi	B. Jyothi
5	611	K. Tulasiram	K. Tulasiram
6	612	Ch. Love Prasanna	Ch. Love Prasanna
7	614	B. Prakash	B. Prakash
8	619	K. Kiran Kumar	K. Kiran Kumar
9	621	R. Ravi Kiran	R. Ravi Kiran
10	624	M. Enosh	M. Enosh
11	901	B. Chinni	B. Chinni
12	904	A. Prabhavathi	A. Prabhavathi
13	905	B. Yamini	B. Yamini
14	906	M. Roja Ramani	M. Roja Ramani
15	907	J. Divya	J. Divya
16	908	Y. Keerthana	Y. Keerthana
17	912	Ch. Ashok Kumar	Ch. Ashok Kumar
18	913.	Ch. Venkateswara Rao	Ch. Venkateswara Rao
19	914	B. Nagendra Babu	B. Nagendra Babu
20	1001	G. Keerthana Pushpalatha	G. Keerthana Pushpalatha.




HEAD, CHEMISTRY DEPARTMENT
A.C. COLLEGE, GUNTUR.

STUDENT ATTENDANCE

S.No. Y ₁₉	Class No.	Name of the student	Signature of the student
1	601	M. Naga Srivaishnavi	M. Naga Srivaishnavi
2	602	D. Mosha Rani	D. Mosha Rani
3	604	Ch. Mounika	Ch. Mounika
4	605	K. Smiley	K. Smiley
5	610	K. Pawan chand	K. Pawan Chand
6	612	J. Emmanuel Raj	J. Emmanuel Raj
7	613	S. Isaiah	S. Isaiah
8	615	M. Ratna Babu	M. Ratna Babu
9	622	T. Bhagya Raj	T. Bhagya Raj
10	626	T. Siva Purva Chandra	T. Siva Purva Chandra
11	903	M. Hema Latha	M. Hema Latha
12	912	S. Vinay Kumar	S. Vinay Kumar
13	913	C. Issac Abraham	C. Issac Abraham
14	915	P. Srikanth	P. Srikanth
15	918	P. Yesu Das	P. Yesu Das
16	921	V. Vamsi	V. Vamsi
17	922	V. Dileep Kumar	V. Dileep Kumar
18	924	Ch. Naga Raju	Ch. Naga Raju
19	925	S. Prasheela	S. Prasheela
20	930	D. Ramya	D. Ramya

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