

A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A),

KAKINADA - 533002, EASTGODAVARI, ANDHRA PRADESH

Department of Chemistry



GUEST LECTURE

ON

ADVANCED TECHNIQUES IN ANALYTICAL CHEMISTRY

From

Dr. K. Anitha,
Incharge of Chemistry
A.S.D Govt Degree College for Women (A)
Kakinada.

To

The Principal,
A.S.D Govt Degree College for Women (A)
Kakinada

Respected Madam,

I would like to bring to your kind notice that department of Chemistry is planning to organize guest lecture about “Modern analytical techniques” on 5.10.2023 for II & III B.Sc, Students in RB-2 at 12noon. Dr S.Priya darshini, Lecturer in Chemistry, SRR &CVR Govt Degree College, Vijayawada is going to invite for this guest lecture. I request you to kindly permit us to do the same.

Thanking you Madam,



Yours Faithfully,

Incharge of Chemistry

DEPARTMENT OF CHEMISTRY

Invitation

Guest Lecture on

**“Advanced techniques in Analytical
Chemistry”**

Dr. S. Priya darshini

(Ph.D from IICT-Habsiguda)

SRR &CVR College

Krishna University

Date: 05-10-2023

Time: 12-1 PM

Welcome to All Students

DEPARTMENT OF CHEMISTRY

Guest Lecture on

“Advanced techniques in Analytical Chemistry”



GUEST LECTURE

Name of the resource person: Dr. S. P. Sija ~~Das~~ Date: 5/10/2023

Address: SRR & CVR college,
Krishna university

Topic Name: Advanced techniques
in Analytical Chemistry

Class: III M.P.C, CBZ,
CZAM, CBHT, CBMP

S. P. Sija
Signature of the resource person

Topic Synopsis:

Atomic Absorption Spectroscopy :-

The topics covered

- are
1. Principle of AAC
 2. Instrumentation & Theory
 3. Applications

AAS → a very common technique for detecting metals and metalloids in samples. Very reliable and simple to use. It analyzes over 62 elements. It measures the concentration of metals in the sample. The first AAS was built by CSIRO scientist Alan Walsh in the year 1954.

Principle:- The free atoms (gas) generated in an atomizer can absorb radiation at specific frequency. The atoms absorb UV or visible light and make transitions to higher electronic energy levels. The analyte concentration is determined from the amount of absorption.



V. N. A.

Signature of students who attended programme:

S.No	Name of the student	Programme	Signature of the students	Feed back
1.	BOISA-SURYANATHI	MPC	B.Suryawathi	good.
2.	K. Asha Latha	MPC	K. Asha Latha	good.
3.	Banaru Kalyani	MPC	B. Kalyani	good.
4.	P. Madhuri	BSc (MPC)	P. Madhuri	v.good.
5.	P. Jayalakshmi	MPC	P. Jayalaxmi	Excellent
6.	Ch. Kumari	MPC	Ch. Kumari	Excellent
7.	M. Anusha	MPC	M. Anusha	Excellent
8.	Ch. Malalakshmi	MPC	Ch. Malalakshmi	Excellent
9.	V.S. Vijaya Sri	MPC	V.S. Vijaya Sri	Good.
10.	K. Venkata Lakshmi	MPC	K. Venkata Lakshmi	Good
11.	N. Jashnani	MPC	N. Jashnani	Excellent
12.	P. Lavanya Satya	MPC	P. Lavanya Satya	Excellent
13.	P. Jhansi	MPC	P. Jhansi	good
14.	B. Manasa	MPC	B. Manasa	good
15.	Konada pravallika	MPC	K. Pravallika	good.
16.	V. Sai Nikitha	MPC	V. Sai Nikitha	Excellent
17.	P. Pradya	MPC	P. Pradya	Excellent
18.	A. Surgha Devi	MPC	A. Surgha Devi	Excellent
19.	M. Keerthi	MPC	M. Keerthi	Excellent
20.	M. Navya Sri	MPC	M. Navya Sri	Excellent
21.	G. Navya	MPC	G. Navya	Excellent
22.	R. Bhavana	MPC	R. Bhavana	good
23.	M. Malini	MPC	M. Malini	Excellent
24.	K. Sandhya	MPC	K. Sandhya	Excellent
25.	D. Keerthi	MPC	D. Keerthi	Good
26.	M. Latha Sri	MPC	M. Latha Sri	Very good
27.	M. Sudha Sri	MPC	M. Sudha Sri	good
28.	K. Devi	MPC	K. Devi	good
29.	P. Varalakshmi	BSc (BHC)	P. Varalakshmi	Excellent
30.	M. Geetha	CBHC	M. Geetha	v. good
31.	G. HARIKA	CBHC	G. HARIKA	v. v. good
32.	J. Akshaya	CBHC	J. Akshaya	Excellent
33.	P. Romya	CBHC	P. Romya	Excellent
34.	A. Housha	CBHC	A. Housha	Excellent
35.	B. Sujitha	CBHC	B. Sujitha	Nice
36.	M. Pravallika	CBHC	M. Pravallika	Excellent
37.	K. Naga Sushma Sri	CBHC	K. N. Sushma Sri	good
38.	Ch. Divya	C.B.Z	Ch. Divya	excellent
39.	U. Durga Hemamalini	C.B.Z	U. Hemamalini	v. good
40.	B. Vandana	C.B.Z	B. Vandana	v. Good
41.	P. Sai Prasaanna	C.B.Z	P. Sai Prasaanna	excellent
42.	N. Palani	CBZ	N. Palani	Good

(Handwritten signature)

