

A.S.D Government Degree College for Women (A), Kakinada



Accredited by NAAC B++ Grade (Cycle – 4)
Affiliated to Adikavi Nannaya University
Jagannaickpur, Kakinada 533002



DEPARTMENT OF CHEMISTRY

A Consolidated Report

ON

ONE DAY NATIONAL WORKSHOP

ON

**“UNLOCKING MOLECULAR SECRETS: UV – VIS
SPECTROPHOTOMETER AND CHROMATOGRAPHIC TOOLS”**

Date: 31ST JULY 2025

**ORGANISED BY DEPARTMENT OF CHEMISTRY
Under Internal Quality Assurance Cell (IQAC)**

President

Dr.V.Anantha Lakshmi
Principal

Vice President

Dr.M.Suvarchala
Vice Principal

IQAC Coordinator

Ms.M.Vasantha Lakshmi
Incharge, Dept. of Zoology

Organising Secretary

Ms.P.Leena
Lecturer in Chemistry

Convenor

Dr.K.Anitha
Incharge, Dept. of Chemistry

Co-Convenor

Dr.K. Jhansi Lakshmi
Lecturer in chemistry

Organising Committee

Ms.M.Subbalakshmi
Lecturer in Chemistry
Dr.B.Surya Narayana Devara
Incharge, Dept. of Physics

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Departmental Meeting

Dt: 7/7/2025

The Faculty of Chemistry department met on 7/7/2025 at 12.45 PM to discuss the following agenda.

Agenda:

1. To discuss regarding conduct of Board of studies for the Academic year 2025-26
2. planning to conduct one national workshop in chromatographic techniques in last week of July, 2025.
3. Discuss on Action plan for the Academic year 2025-26, which is to be incorporated in BOS 2025-26

Signatures of faculty:

1. DR K. Anitha

~~7/7/2025~~

2. DR K. Jhansi Lakshmi

K.A. Lakshmi
7/7/25

3. Smt P. Soma

P. Soma
7/7/25

4. Smt M. Subbalakshmi

M. Subbalakshmi

Resolutions:

1. GT is resolved to conduct Board of studies meeting after receiving clear guidelines on First year syllabus from APSCH.
2. GT is Resolved to conduct national workshop on chromatography and Instrumental methods of Analysis on 31st July, 2025.
3. Each faculty is assigned activities in the Action plan, so that they take lead for that activity and complete it successfully.

~~Shree~~ 31/7/2025

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

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

Respected Madam,

Sub: A.S.D Government Degree College(W) (A), Kakinada – Proposal to organize a National Workshop on **“Unlocking Molecular Secrets: UV-Vis Spectrophotometer and Chromatographic Tools”** – Request for Permission - Reg.

I, Dr K.Anitha, Incharge, Department of Chemistry is planning to organise a National Workshop on **“Unlocking Molecular Secrets: UV-Vis Spectrophotometer and Chromatographic Tools”** on 31st of July. In this connection, I kindly request you to consider our proposal and provide the needed assistance to organize the National workshop successfully.

Thanking You,

Place: Kakinada

Date:

Yours faithfully

(Dr K.Anitha)

A.S.D Government Degree College for Women (A), Kakinada

Accredited by NAAC B++ Grade (Cycle – 4)

Affiliated to Adikavi Nannaya University

Jagannaickpur, Kakinada 533002

Department of Chemistry



CIRCULAR

The Department of Chemistry, ASD Government Degree College for Women is organising A One Day National Workshop on **“UNLOCKING MOLECULAR SECRETS: UV – VIS SPECTROPHOTOMETER AND CHROMATOGRAPHIC TOOLS”** on 31.07.2025 in Seminar Hall. In this connection all the students are informed to attend the workshop.

I/C Department of Chemistry

Principal



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

Kakinada-533002

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

Re-accredited by NAAC with B Grade in Cycle III



One Day International Webinar on Recent Advances in Drug Discovery and Development

On 6th DECEMBER 2023

Chief Patron

Dr. Pola Bhaskar, IAS

Honourable Commissioner of Collegiate Education,
Andhra Pradesh, Mangalgi.

Patron-I

Dr David Kumar Rapaka

Joint Director, APCCE,
Mangalgi.

Patron-II

Dr.C. Krishna

RJDCE Zone-II
Rajamahendravaram

President

Dr. V. Anantha Lakshmi

Principal

Vice-President

Ms.M.Suvarchala

Vice Principal

Convenor

Dr K Anitha

Incharge of Chemistry Department

Chief Coordinators

Ms. M.Vasantha Lakshmi

IQAC Coordinator, Incharge of Zoology.

Dr.K.Lavanya

Academic Coordinator, Dept.of Home Science

Dr.G.Anitha

UGC & RUSA Coordinator, Dept.of Home Science

ORGANIZING SECRETARY

Dr.K. Jhansi Lakshmi

Lecturer in Chemistry

ORGANIZING COMMITTEE

Smt P.Leena

Lecturer in Chemistry

Smt M.Subbalakshmi

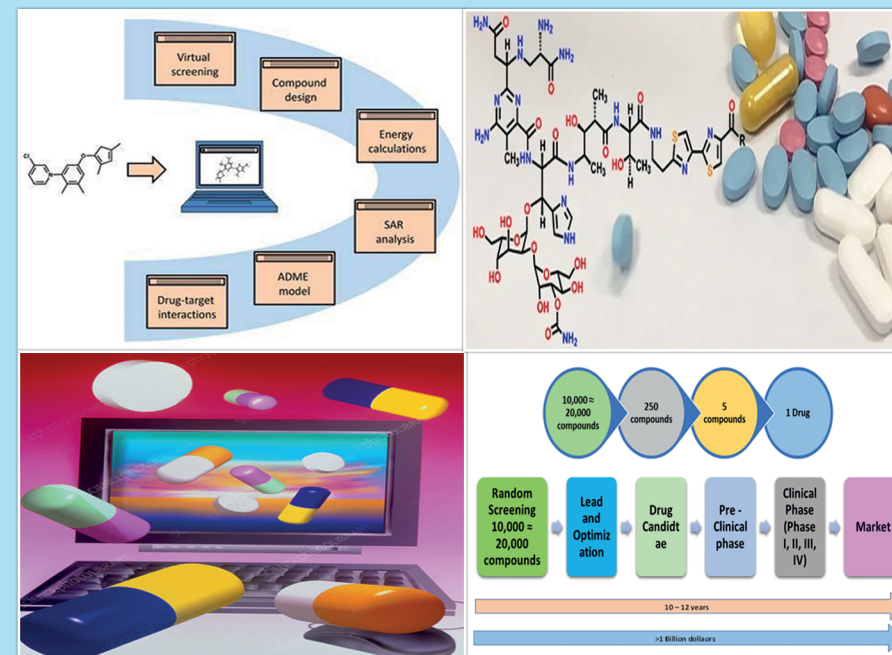
Lecturer in Chemistry

Sri B. Suryanarayana Devara,

Incharge of Physics

Smt Y.S.V.A.S Sailaja Kumari,

Superintendent



Organized By

DEPARTMENT OF CHEMISTRY
Under Internal Quality Assurance Cell (IQAC)

Address for Correspondence :
asd_chemistry_dept@asgdwcw.ac.in

About the College:

Annavaram Satyavathi Devi Government Degree College for Women (Autonomous), Kakinada, Kakinada District, was started in 1962 with the motto: 'Sthree Vidya Pravardhataam' means 'Women Education Shall Prosper'. The idea came up with the inspiring words by Mahatma Gandhi, "If you educate a man, you educate an individual, but if you educate a woman, you educate an entire family". This is the only Government Degree College for Women in the entire coastal belt of Andhra Pradesh, with a Student Managed Hostel within the campus and 4 Social Welfare Hostels within a vicinity of 2 kilometres from the College. The College is mainly equipped with Smart Campus services like Virtual Classrooms, Digital Classrooms and LMS. At present, the college caters the education needs of nearly 1100 girl students at UG & PG level. The College has Adikavi Nannaya University recognized research center in the department of Commerce & Telugu

The college offers following 12 UG programmes :

B.A Honours (Economics), B.A Honours (Political Science),
B.Com Honours (General), B.Com Honours (Computer Applications),
B.Com Honours (Digital Marketing), B.Sc. Honours (Home Science) B.Sc. Honours (Chemistry) B.Sc. Honours (Zoology), B.Sc. Honours (Botany), B.Sc. Honours (Physics)
B.Sc. Honours (Computer Sciences), B.Sc. Honours (Mathematics)
and 2 PG programmes: M.A. (Telugu) & M.Com. The College uses every opportunity with great care in strengthening the students to excel in their academics and get decent jobs.

About Chemistry Department :

Chemistry Department is one of the oldest Department of this College, it is 61 years old department, established in the year 1962. In 1968, the Annavaram Devasthanam handed over the college to the Government of Andhra Pradesh. A.S.D. Govt. Degree and Junior College functioned as a composite institution till 1995.

Later in tune with the policy of U.G.C, the Government of Andhra Pradesh has bifurcated this institution into Junior and Degree Colleges in 1996. Since then the Chemistry Department is handling only U.G. level teaching. In 2015, the U.G.C. conferred Autonomy status to the institution, and from the academic year 2015-16, the Department switched over to semester system under CBCS pattern.

In addition to the conventional courses (B.Sc. - MPC/CBZ), restructured courses such as Chemistry, Botany and Microbiology (CBMB) in 1998-99 and market-oriented course such as Chemistry, Zoology, Aquaculture Technology, (CZAqT, Chemistry, Botany and Horticulture were introduced in 2018-19. At present the Department is offering B.Sc Honours (Chemistry) as single major system and five other UG programmes M.P.C, B.Z.C, CBMB, CZAQUA, CBHC and one Certificate course. At present, the department caters the education needs of nearly 300 girl students at UG level. The Department implementing microscale experiments for qualitative analysis and conducts Field trips. extension activities regularly.

About the Programme :

This webinar intends to create interest towards research among faculty and students on Drug discovery and development. It provides talks on advanced drug discovery and development with eminent Scientists across the globe. Computer-aided drug design (CADD) is a modern computational technique used in the drug discovery process to identify and develop a new therapeutic drug. It includes computational Chemistry, molecular modeling, molecular design and rational drug design. CADD is used to optimize identified leads and its approach saves time, it is fast and cost-effective. Therefore, today, in the fast-moving world with technological advancement, CADD has become inevitable. The Webinar focuses on Computer Aided Drug Discovery and Development, Advances in Drug Discovery & Development, Chemical biology.

SPEAKERS



Dr Vijaya Hinge
CADD Scientist for Haares Chem Tech Inc.,
Canada.



Dr. Nagarjun Narayanaswamy
Scientist, Rajiv Gandhi Centre for Biotechnology (RGCB),
Thiruvananthapuram Kerala, India-695014.



Dr. Vadde Ramu, M.Sc., Ph.D.
Marie-Curie Individual Postdoctoral Fellow
Ruhr-University Bochum 44801, Germany

PROGRAMME OUTLINE

Session 1 :

10.00 to 10.30 : Inauguration

Session 2:

10.30 to 11.45 : Computer Aided Drug Discovery and Development by Dr Vijaya Hinge, CADD scientist for Haares Chem Tech Inc., Canada.

Session 3:

12 noon to 1pm : Chemical biology by Dr. Nagarjun Narayanaswamy, Scientist, RGCB, Thiruvananthapuram.

Session 4:

2.30 to 4.00pm: Advances in Drug Discovery and development by Dr. Vadde Ramu, Marie-Curie Individual Postdoctoral Fellow, Ruhr-University Bochum 44801, Germany.

No Registration Fee:-

Regeneration Link : <https://forms.gle/tJDY28Avm81NhDnT6>

Objectives of the Workshop:

- ❖ To introduce participants to the fundamental principles of UV-Vis Spectrophotometry and Chromatographic techniques
- ❖ To develop a clear understanding of instrumentation, working mechanisms, and chromatography in chemical analysis
- ❖ To familiarise students with the practical applications of UV-Vis Spectroscopy and Chromatography on chemical analysis.
- ❖ To enhance analytical skills required for qualitative and quantitative estimation of compounds.
- ❖ To bridge the gap between theoretical concepts and laboratory practices in analytical chemistry.

Outcomes of the Workshop:

- ❖ The workshop aimed to bridge the gap between theoretical understanding and real-world applications in analytical chemistry.
- ❖ The workshop provided to gain hands-on experience in chromatography and spectrophotometric methods, which are essential tools in scientific research and industrial analysis.
- ❖ Through interactive sessions and live demonstrations by eminent resource persons, the workshop helped students acquire valuable technical skills that will contribute to their future research pursuits and professional growth in various scientific fields.
- ❖ Participants were able to analyse and interpret spectra and chromatograms effectively
- ❖ The workshop strengthened participants analytical thinking and problem solving skills, preparing them for higher studies and research activities.

A.S.D Government Degree College for Women (A), Kakinada
Department of Chemistry

One Day National Workshop on
“Unlocking Molecular Secrets: UV-Visible Spectrophotometer &
Chromatographic Tools” on 31st July 2025,

Programme Schedule

Inaugural Session:

- 9.45 AM** : Inviting Dignitaries on to the Dias by P.Leena, Lecturer in Chemistry
- 9.50 AM** : Lightening the lamp by the Dignitaries
- 9.55 AM** : Prayer Song by the students
- 10.00 AM** : President Opening Remarks by Dr.V.Anantha Lakshmi, Principal,
ASD GDC (W) (A)
- 10.10 AM** : Speech by Vice President, Dr.M.Suvarchala, Vice Principal,
ASD GDC(W) (A)
- 10.15 AM** : Speech by Smt.M.Vasanth Lakshmi, IQAC Coordinator
- 10.20 AM** : Welcome Address by the Convenor, Dr.K.Anitha, Incharge, Dept. of
Chemistry

Technical Session 1:

- 10.25 AM** : Introduction of the Chief Guest by P.Leena, Lecturer in Chemistry
- 10.30 AM to 12 PM:** Thin layer Chromatography and Paper Chromatography by
Dr.M.Aivelu, Asst. Professor in Chemistry, Gajwel Siddipet
Dist. Telangana.

Technical Session 2:

12 PM to 12.05 PM: Introduction of the Chief Guest by Ms.M.Subbalakshmi,
Lecturer in Chemistry

12.05 PM to 1.30 PM: Analysing molecules with light: UV-Vis Spectrophotometer
by Dr.V.Durga Praveena, Lecturer in Chemistry, Government
Degree College (A), Rajamahendravaram

1.30 PM to 2.30 PM: Lunch Break

2.30 PM to 2.35 PM: Introduction of the Chief Guest by the Student.

2.30 PM to 4.00 PM: Column Chromatography & Polarimetry by Dr.K.Raveendra
Babu, Lecturer in chemistry, S.C.I.M Govt. College, Tanuku

Valedictory Session:

4.00 PM to 4.30 PM: Certificates Distribution

4.30 PM to 4.45 PM: Felicitation to the Guests

4.45 PM to 5.00 PM: Vote of thanks by the Convenor, Dr.K.Anitha, Incharge,
Dept. of Chemistry

5.00 PM : National Anthem

INTRODUCTION:

A one-day workshop on **“UNLOCKING MOLECULAR SECRETS: UV – VIS SPECTROPHOTOMETER AND CHROMATOGRAPHIC TOOLS”** was organized by the department of chemistry to enhance the practical knowledge and analytical skills of students in modern chemical techniques. The workshop aimed to bridge the gap between theoretical understanding and real-world applications in analytical chemistry. The workshop provided to gain hands-on experience in chromatography and spectrophotometric methods, which are essential tools in scientific research and industrial analysis. Through interactive sessions and live demonstrations by eminent resource persons, the workshop helped students acquire valuable technical skills that will contribute to their future research pursuits and professional growth in various scientific fields.

INAUGURAL SESSION: 9.45 AM TO 10.30 AM

The workshop commenced at 9.45 am with a prayer song by the students and the lightening of the lamp by the dignitaries and the staff members. Following the lamp lightening the session began with a warm welcome to the dignitaries, the President of the event Dr.V.Anantha Lakshmi, Principal, A.S.D Government Degree College for Women(A), Vice President Dr.M.Suvarchala, Vice Principal of the college, M.Vasantha Lakshmi, IQAC Coordinator, Dr.K.Lavanya, Academic Coordinator, Dr.G.Anitha, Rusa Coordinator and the Resource persons Dr.M.Aivelu, Asst. Professor in chemistry, Government Degree College(A), Gajwel, Siddipet District, Telangana, Dr.Durga Praveena, Lecturer in Chemistry, Government Degree College(A), Rajamahendravaram, Dr.Raveendra Babu, Lecturer in Chemistry, S.C.I.M Govt.College, Tanuku.

The president of the function Dr.V.Anantha Lakshmi. Principal of this college gave her opening remarks and congratulated the department of chemistry for their efforts in organizing the One Day National workshop on **“UNLOCKING MOLECULAR SECRETS: UV – VIS SPECTROPHOTOMETER AND CHROMATOGRAPHIC TOOLS”**

The Vice-President of the workshop, Dr.M.Suvarchala, Vice-Principal of the college demonstrated about the importance of the workshop and explained them how it bridges the gap by providing hands-on-exposure to modern analytical instruments. She also encouraged all the students to learn directly from experienced resource persons and gain hands-on-experience, which acquires skills that not only enhance your analytical abilities but also prepares you for higher studies, research and professional careers in chemistry and related fields.

The IQAC Coordinator M.Vasantha Lakshmi, encouraged the students to gain deeper understanding of how spectrophotometric and chromatographic techniques are applied in various scientific fields such as chemistry, Biochemistry, Zoology and Pharmaceutical sciences and to strengthen knowledge on the working principle and applications of UV-Visible Spectrophotometry and chromatographic tools.

The Convenor of the workshop Dr.K.Anitha, Incharge, Department of Chemistry sensitized the students on various chromatographic techniques such as Paper, Thin Layer and Column Chromatographic techniques used for separation and purification of compounds. She also educated the students to develop analytical thinking and practical skills for identifying and quantifying chemical compounds.



Lightening of the lamp by the staff and the chief guests



Welcoming guests on to the dias by Organising Secretary P.Leena

Welcoming address by the convenor Dr.K.Anitha

1, near Womens College, Jagannaickpur, Kakinada, Andhra Pradesh 533002, India
 Latitude 16.939901666666668° Longitude 82.23858666666665°
 Local 10:35:53 AM Altitude 9 meters
 05:05:53 AM Thursday, 31.07.2025

1, near Womens College, Jagannaickpur, Kakinada, Andhra Pradesh 533002, India
 Latitude 16.939903333333334° Longitude 82.23854166666666°
 Local 10:35:01 AM Altitude 9 meters
 05:05:01 AM Thursday, 31.07.2025



President opening remarks by
Dr.V.Anantha Lakshmi, Principal



Speech by Vice President
Dr.M.Suvarchala, Vice Principal



Speech by IQAC Coordinator Smt.M.Vasantha Lakshmi

TECHNICAL SESSION – 1

Resource Person: Dr.M.Aivelu, Asst. Professor in chemistry, Gajwel, Siddipet Dist. Telangana

Topic: Thin Layer Chromatography & Paper Chromatography

Time: 10.30 PM to 12 PM

First technical session of the workshop commenced with Dr.M.Aivelu, Asst. Professor in chemistry, Gajwel, Siddipet Dist. Telangana. She demonstrated an informative and hands-on practical session on **Paper and Thin layer Chromatography**. The session provided participants with a clear understanding of the principles, techniques, and applications of chromatographic separation. The demonstration included the preparation of stationary and mobile phases, spotting samples, and visualization of separate components. Participants were able to observe the movement of solvent fronts and separation of different compounds based on their affinities towards the phases. The session helped in strengthening theoretical knowledge through practical exposure and enhanced student's analytical skills in identifying and separating chemical mixtures. All the participants actively participated in the experiments, and students from other colleges also attended and benefited from the practical demonstrations.



Informative session on **Paper and Thin layer Chromatography** by the Resource Person Dr.M.Aivelu



1, near Womens College, Jagannaickpur, Kakinada, Andhra Pradesh 533002, India

Latitude
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Longitude
82.23846333333334°

Local 12:33:15 PM
GMT 07:03:15 AM

Altitude 9 meters
Thursday, 31.07.2025



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Latitude
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Longitude
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GMT 06:45:24 AM

Altitude 9 meters
Thursday, 31.07.2025



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Latitude
16.93999°

Longitude
82.23846999999999°

Local 11:52:39 AM
GMT 06:22:39 AM

Altitude 9 meters
Thursday, 31.07.2025



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Latitude
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Longitude
82.23855333333334°

Local 11:53:21 AM
GMT 06:23:21 AM

Altitude 9 meters
Thursday, 31.07.2025



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Latitude
16.9400448°

Longitude
82.2383351°

Local 11:51:21 AM
GMT 06:21:21 AM

Altitude 9 meters
Thursday, 31.07.2025



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Latitude
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Longitude
82.23847166666668°

Local 12:26:49 PM
GMT 06:56:49 AM

Altitude 9 meters
Thursday, 31.07.2025

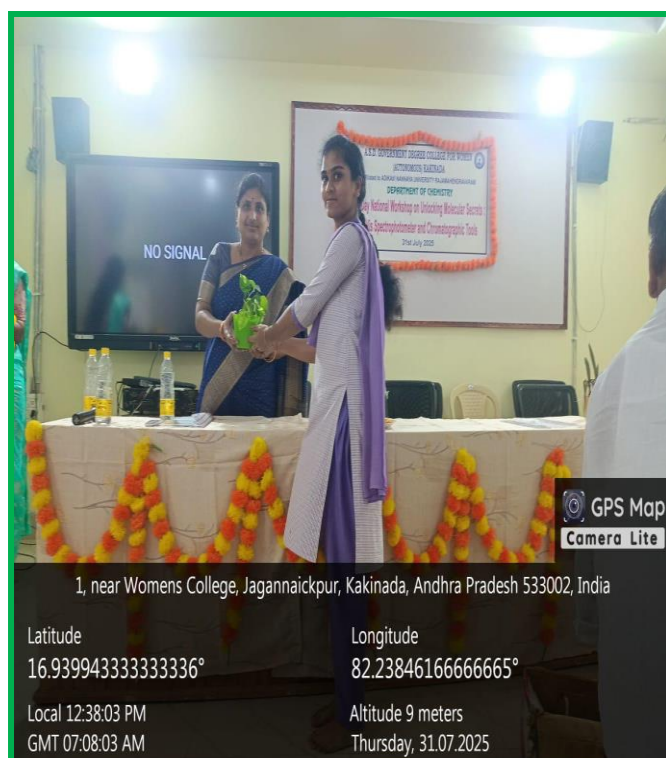
TECHNICAL SESSION – 2

Resource Person: Dr.V.Durga Praveena, Lecturer in Chemistry, Government Degree College (A), Rajamahendravaram.

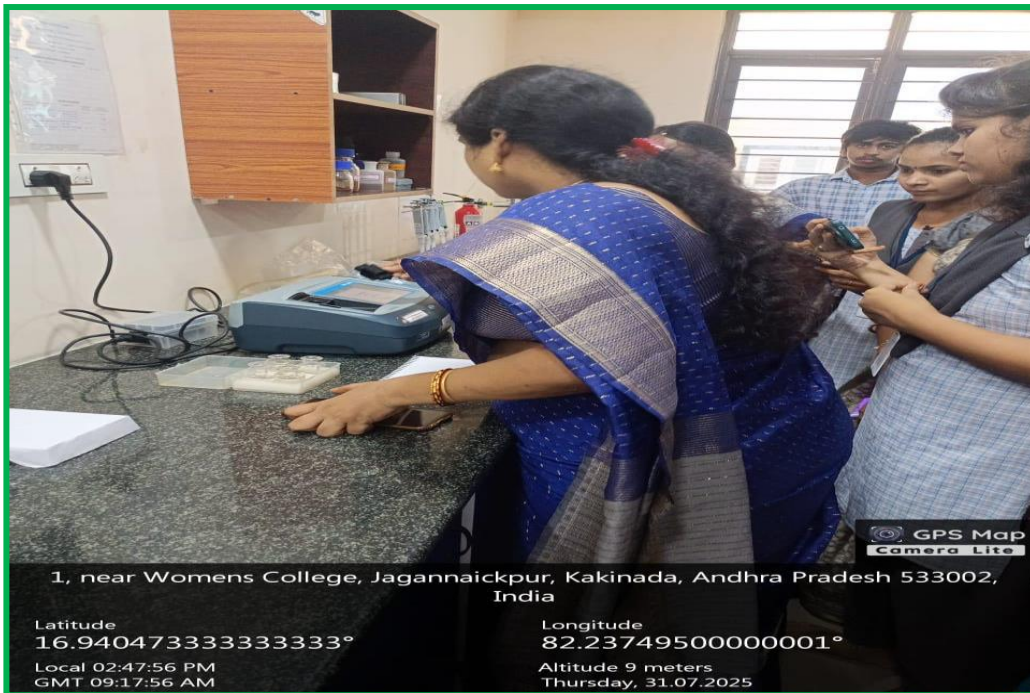
Topic: Analysing molecules with light: UV-Vis Spectrophotometer

Time: 12 PM to 1.30 PM

The second technical session on **Analysing molecules with light: UV-Vis Spectrophotometer** was conducted by Dr.V.Durga Praveena, Lecturer in Chemistry, Government Degree College for Women(A), Rajamahendravaram. The resource person explained the fundamental principles of UV-Vis Spectroscopy and its applications in analysing molecules based on their light absorption characteristics. She elaborated on the working mechanism of the UV-Vis Spectrophotometer, the Beer-Lamberts law, and the importance of wavelength selection in quantitative and qualitative analysis. Participants gained valuable insights into how this technique helps in determining the concentration and purity of chemical compounds. After the technical session all the students were taken to the SHIFT company for the practical demonstration of the UV Vis Spectrophotometry and allowed students to observe the practical operation of the instrument and interpret the spectra obtained for different samples.



Technical Session on **Analysing molecules with light: UV-Vis Spectrophotometer** by Dr.V. Durga Praveena



Practical demonstration by Resource person
Dr.V. Durga Praveena at SHIFT

TECHNICAL SESSION – 3

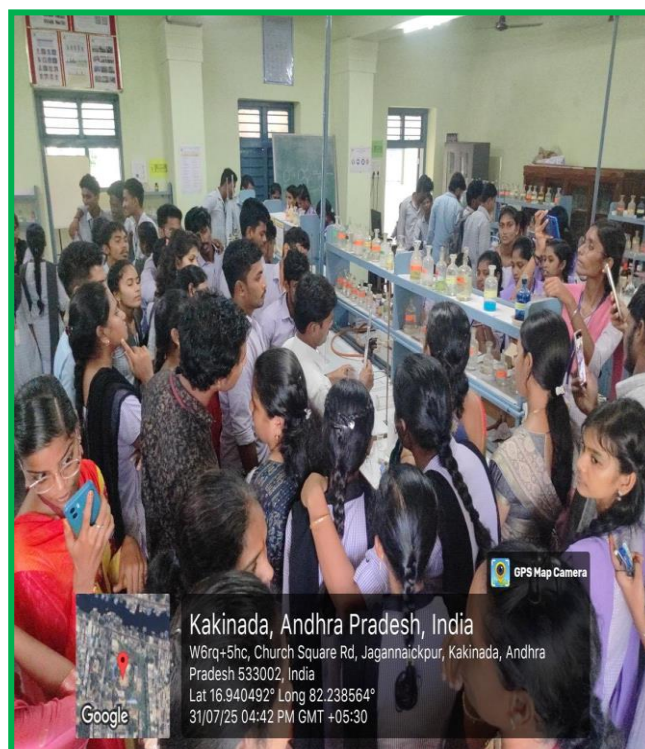
Resource Person: Dr.K.Raveendra Babu, Lecturer in Chemistry, S.C.I.M Govt. College(A), Tanuku.

Topic: Column Chromatography and Polarimetry

Time: 2.30 PM to 4 PM

The third technical session on **Column Chromatography and Polarimetry** was conducted by Dr.K.Raveendra Babu, Lecturer in Chemistry, S.C.I.M Govt. College(A), Tanuku. The resource person explained the principles and working of column chromatography emphasizing its importance in separating and purifying organic compounds based on the differences in adsorption. Later on, all the students were taken to the Chemistry laboratory, and he demonstrated the preparation of the chromatographic column, sample loading, elution process, helping the students to understand the practical aspects of the technique.

The session also covered the concept of Polarimetry, where the resource person described how the optical rotation of optically active compounds can be measured using a polarimeter. Students observed the working of the polarimeter, recorded readings for standard sugar solutions and calculated their concentrations. This hands-on experience helped them understand the practical application of polarimetry in quantitative analysis.





Practical demonstration on **Column Chromatography and Polarimetry** by the Resource Person Dr.K.Raveendra Babu

VALEDICTORY SESSION:

Opening Remarks: The valedictory session commenced after the completion of all technical sessions. Dr.V.Anantha Lakshmi, Principal, A.S.D Government Degree College for Women (A), gave her opening remarks. She exhorted the department of chemistry for the wonderful organization of National Workshop and encouraged the students to participate in the greater number of workshops and seminars to empower themselves and gain in-depth knowledge.

Workshop Report: Dr.K.Anitha, Head, Department of Chemistry, briefed the report on the One Day National Workshop to the audience.

Feedback from Resource Persons: The resource persons conveyed that they were happy to be a part of this workshop and appreciated the enthusiastic and active participation of the students. They also encouraged the participants to pursue higher studies and engage in research activities.

Feedback from Participants: Students and faculty from various colleges attended the workshop and they mentioned that the hand on sessions helped them clearly understand various separation methods and boosted their confidence in performing laboratory experiments. They expressed gratitude to the organisers for providing such a valuable learning opportunity.

Certificates Distribution: As a part of the National Workshop a formal certificate distribution ceremony was conducted at the end of the programme. The certificates were awarded to all the participants in recognition of their active involvement and successful completion of the workshop. The dignitaries and the resource persons handed over the certificates appreciating the students and the staff for their participation throughout the sessions.

Vote of Thanks: Dr.K.Anitha, Head, Department of Chemistry proposed vote of thanks for the session and finally the program was concluded with the National Anthem

Feedback form for National Workshop on "Unlocking Molecular Secrets : UV-Vis Spectrophotometer & Chromatographic Tools" on 31.07.2025

Department of Chemistry, A.S.D Government Degree College for Women (A), Kakinada

Email

Your email address

Name of the Participant

Sailaja. Valluru

Designation *

- Faculty
- Research Scholar
- Student
- Others

Name of the college *

Government degree college, Tiruvuru

Place of working/Studying *

Tiruvuru

Mobile Number *

7997155427

Session - 1 :

Resource Person : Dr.M.Aivelu

Topic : Thin layer Chromatography & Paper Chromatography

Were you able to understand the principle and procedure of TLC and Paper Chromatography *
through the demonstration

- Yes
- To some extent
- No

How clear and effective were the demonstrations/experiments conducted ? *

- Excellent
- Very Good
- Good
- Fair

What is your hands-on experience with TLC and Paper Chromatography *

- Excellent
- Good
- Average
- Poor

Session 2 :

Resource Person : Dr.Durga Praveena

Topic : Analysing molecules with Light : UV-Visible Spectrophotometer

Was the topic "Analysing Molecules with Light : UV-Vis Spectrophotometer" explained clearly * and effectively ?

- Strongly Agree
- Agree
- Neutral
- Disagree

How useful was the demonstration of the UV-Vis Spectrophotometer ? *

- Very Useful
- Useful
- Not Useful

What is your hands-on experience with a UV-Visible Spectrophotometer

- Excellet
- Good
- Average
- Poor

Session 3 :

Resource Person : Dr.K.Raveendra Babu

Topic : Column Chromatography & Polarimetry

Were the principles and operation of Polarimetry effectively presented ? *

- Strongly Agree
- Agree
- Neutral
- Disagree

How useful were the theoritical concepts in understanding the practical aspects ? *

- Very Useful
- Useful
- Somewhat
- Not Useful

What is your hands-on experience with Column Chromatography & Polarimetry

- Excellent
- Good
- Average
- Poor

How would you rate the overall content of the workshop ? *

- Excellent
- Good
- Average
- Poor

How relevant was the content to your field of study/work ? *

- Highly Relevant
- Relevant
- Somewhat Relevant
- Not Relevant

This content is neither created nor endorsed by Google.

Google Forms

Feedback form for National Workshop on "Unlocking Molecular Secrets : UV-Vis Spectrophotometer & Chromatographic Tools" on 31.07.2025

Department of Chemistry, A.S.D Government Degree College for Women (A), Kakinada

Email

Your email address

Name of the Participant

Smt.S.Swarna Latha

Designation *

- Faculty
- Research Scholar
- Student
- Others

Name of the college *

Government Degree College

Place of working/Studying *

K.perumallapuram

Mobile Number *

6301073707

Session - 1 :

Resourse Person : Dr.M.Aivelu

Topic : Thin layer Chromatography & Paper Chromatography

Were you able to understand the principle and procedure of TLC and Paper Chromatography *
through the demonstration

- Yes
- To some extent
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How clear and effective were the demonstrations/experiments conducted ? *

- Excellent
- Very Good
- Good
- Fair

What is your hands-on experience with TLC and Paper Chromatography *

- Excellent
- Good
- Average
- Poor

Session 2 :

Resource Person : Dr.Durga Praveena

Topic : Analysing molecules with Light : UV-Visible Spectrophotometer

Was the topic "Analysing Molecules with Light : UV-Vis Spectrophotometer" explained clearly * and effectively ?

- Strongly Agree
- Agree
- Neutral
- Disagree

How useful was the demonstration of the UV-Vis Spectrophotometer ? *

- Very Useful
- Useful
- Not Useful

What is your hands-on experience with a UV-Visible Spectrophotometer

- Excellet
- Good
- Average
- Poor

Session 3 :

Resource Person : Dr.K.Raveendra Babu

Topic : Column Chromatography & Polarimetry

Were the principles and operation of Polarimetry effectively presented ? *

- Strongly Agree
- Agree
- Neutral
- Disagree

How useful were the theoritical concepts in understanding the practical aspects ? *

- Very Useful
- Useful
- Somewhat
- Not Useful

What is your hands-on experience with Column Chromatography & Polarimetry

- Excellent
- Good
- Average
- Poor

How would you rate the overall content of the workshop ? *

- Excellent
- Good
- Average
- Poor

How relevant was the content to your field of study/work ? *

- Highly Relevant
- Relevant
- Somewhat Relevant
- Not Relevant

This content is neither created nor endorsed by Google.

Google Forms

Feedback form for National Workshop on "Unlocking Molecular Secrets : UV-Vis Spectrophotometer & Chromatographic Tools" on 31.07.2025

Department of Chemistry, A.S.D Government Degree College for Women (A), Kakinada

Email

Your email address

Name of the Participant

Smt.S.Swarna Latha

Designation *

- Faculty
- Research Scholar
- Student
- Others

Name of the college *

Government Degree College,K perrumallapuram

Place of working/Studying *

perrumallapuram

Mobile Number *

6301073707

Session - 1 :

Resourse Person : Dr.M.Aivelu

Topic : Thin layer Chromatography & Paper Chromatography

Were you able to understand the principle and procedure of TLC and Paper Chromatography *
through the demonstration

- Yes
- To some extent
- No

How clear and effective were the demonstrations/experiments conducted ? *

- Excellent
- Very Good
- Good
- Fair

What is your hands-on experience with TLC and Paper Chromatography *

- Excellent
- Good
- Average
- Poor

Session 2 :

Resource Person : Dr.Durga Praveena

Topic : Analysing molecules with Light : UV-Visible Spectrophotometer

Was the topic "Analysing Molecules with Light : UV-Vis Spectrophotometer" explained clearly and effectively ? *

- Strongly Agree
- Agree
- Neutral
- Disagree

How useful was the demonstration of the UV-Vis Spectrophotometer ? *

- Very Useful
- Useful
- Not Useful

What is your hands-on experience with a UV-Visible Spectrophotometer

- Excellet
- Good
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Session 3 :

Resource Person : Dr.K.Raveendra Babu

Topic : Column Chromatography & Polarimetry

Were the principles and operation of Polarimetry effectively presented ? *

- Strongly Agree
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How useful were the theoritical concepts in understanding the practical aspects ? *

- Very Useful
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What is your hands-on experience with Column Chromatography & Polarimetry

- Excellent
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Department of Chemistry, A.S.D Government Degree College for Women (A), Kakinada

Email

Your email address

Name of the Participant

Jonnakuti Yacobe

Designation *

- Faculty
- Research Scholar
- Student
- Others

Name of the college *

Government College (A), Rajahmundry

Place of working/Studying *

Government College A Rajahmundry

Mobile Number *

9441655767

Session - 1 :

Resourse Person : Dr.M.Aivelu

Topic : Thin layer Chromatography & Paper Chromatography

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Session 2 :

Resource Person : Dr.Durga Praveena

Topic : Analysing molecules with Light : UV-Visible Spectrophotometer

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Feedback form for National Workshop on "Unlocking Molecular Secrets : UV-Vis Spectrophotometer & Chromatographic Tools" on 31.07.2025

Department of Chemistry, A.S.D Government Degree College for Women (A), Kakinada

Email

Your email address

Name of the Participant

D.V.S.LAKSHMI

Designation *

- Faculty
- Research Scholar
- Student
- Others

Name of the college *

A.S.D. Government degree college for women (A)

Place of working/Studying *

Kakinada

Mobile Number *

9491436647

Session - 1 :

Resource Person : Dr.M.Aivelu

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Department of Chemistry, A.S.D Government Degree College for Women (A), Kakinada

Email

Your email address

Name of the Participant

Sailajavalluru

Designation *

- Faculty
- Research Scholar
- Student
- Others

Name of the college *

Government degree college, Tiruvuru

Place of working/Studying *

Tiruvuru

Mobile Number *

9490786233

Session - 1 :

Resourse Person : Dr.M.Aivelu

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Department of Chemistry, A.S.D Government Degree College for Women (A), Kakinada

Email

Your email address

Name of the Participant

Mr. USN Prasad

Designation *

- Faculty
- Research Scholar
- Student
- Others

Name of the college *

Pithapur Rajah's Government college

Place of working/Studying *

Kakinada

Mobile Number *

6300882584

Session - 1 :

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Department of Chemistry, A.S.D Government Degree College for Women (A), Kakinada

Email

Your email address

Name of the Participant

Degala Pallamraju

Designation *

- Faculty
- Research Scholar
- Student
- Others

Name of the college *

Government degree college

Place of working/Studying *

Mummidivaram

Mobile Number *

9949094627

Session - 1 :

Resourse Person : Dr.M.AliveLu

Topic : Thin layer Chromatography & Paper Chromatography

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Department of Chemistry, A.S.D Government Degree College for Women (A), Kakinada

Email

Your email address

Name of the Participant

VYDANI VENKATESWARA RAO

Designation *

- Faculty
- Research Scholar
- Student
- Others

Name of the college *

PITHAPUR RAJAHS GOVERNMENT COLLEGE (A)

Place of working/Studying *

Kakinada

Mobile Number *

9885165588

Session - 1 :

Resource Person : Dr.M.Aivelu

Topic : Thin layer Chromatography & Paper Chromatography

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Department of Chemistry, A.S.D Government Degree College for Women (A), Kakinada

Email

Your email address

Name of the Participant

Kaviti Venkata Rao

Designation *

- Faculty
- Research Scholar
- Student
- Others

Name of the college *

Government college(A)

Place of working/Studying *

RAJAMAHENDRAVARAM

Mobile Number *

9441267126

Session - 1 :

Resource Person : Dr.M.Aivelu

Topic : Thin layer Chromatography & Paper Chromatography

Were you able to understand the principle and procedure of TLC and Paper Chromatography through the demonstration *

- Yes
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- No

How clear and effective were the demonstrations/experiments conducted ? *

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What is your hands-on experience with TLC and Paper Chromatography *

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Google Forms

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



(Accredited by NAAC with 'B' Grade in Cycle IV)

Affiliated to Adikavi Nannaya University, Rajamahendravaram



DEPARTMENT OF CHEMISTRY

CERTIFICATE OF PARTICIPATION

Internal Quality Assurance Cell

This is to Certify that Dr/Mr/Ms-----
of ----- has participated in One-Day National Workshop on **'Unlocking Molecular Secrets: UV-Vis Spectrophotometer and Chromatographic Tools'** Organized by Department of Chemistry, A.S.D Government Degree College for Women (A), Kakinada on 31-07-2025.

Organizing Secretary

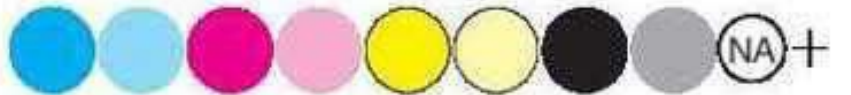
Convener

IQAC Coordinator

Principal

విద్యార్థినులకు అవగాహన సదస్సు

సాంబమూర్తినగర్: అన్నవరం సత్యవతీదేవి ప్రభుత్వ మహిళా డిగ్రీ కళాశాలలో గురువారం 'అన్ లాకింగ్ మాలిక్యులర్ సీక్రెట్స్' అనే అంశంపై జాతీయ సదస్సు నిర్వహించారు. ప్రిన్సిపల్ డా.వి.అనంతలక్ష్మి అధ్యక్షతన జరిగిన కార్యక్రమంలో వైస్ ప్రిన్సిపల్ డా.ఎం.సువర్చల, ఐక్యూఎసీ కోఆర్డినేటర్ ఎం.వసంతలక్ష్మి, కెమిస్ట్రీ విభాగాధిపతి డా.కె.అనిత, డా.కె.లావణ్య, డా.జి.అనిత, డా.కె.రూస్సీలక్ష్మి, పి.లీన, ఎం.సుబ్బలక్ష్మి పాల్గొన్నారు. రిసోర్స్ పర్సన్ డా.ఎం.అలివేలు థిన్ లేయర్ క్రోమాటోగ్రఫీ థియరీపై ప్రయోగాత్మకంగా అవగాహన కల్పించారు.



ఏ ఎస్ డి ప్రభుత్వ మహిళా డిగ్రీ కళాశాల లో నేషనల్ వర్క్ షాప్

కాకినాడ(నేదీ సత్య విలేజ్) జూలై 31: స్థానిక అన్నవరం సత్యవతి దేవి డిగ్రీ కళాశాల లో జూలై 31 వ తేదిన “ అన్ లాకింగ్ మాలిక్యులర్ సీక్రెట్స్ - యూ వి విశనివిల్ స్పెక్ట్రాఫోటోమీటర్ మరియు క్రోమటోగ్రఫీక్ టూల్స్ అనే అంశం పై నేషనల్ వర్క్ షాప్ ప్రిన్సిపాల్ డా అనంత లక్ష్మి అధ్యక్షతన నిర్వహించారు . ఇనాగరల్ సెషన్ లో వైస్ ప్రిన్సిపాల్ డా ఎం. సువర్చల ఐ క్యూ ఏసీ కోఆర్డినేటర్ ఎం. వసంత లక్ష్మి, కెమిస్ట్రీ విభాగాధిపతి డా కె. అనిత , ఆకడమిక్ కోఆర్డినేటర్ డా కె. లావణ్య రూసా కోఆర్డినేటర్ డా జి. అనిత, కెమిస్ట్రీ అధ్యాపకులు డా కె. రూన్మి లక్ష్మి, పి. లీన, ఎం.సుబ్బ లక్ష్మి మరియు వివిధ విభాగాల అధ్యాపకులు పాల్గొన్నారు వర్క్ షాప్ యొక్క ఉద్దేశ్యము ఉపయోగం



గురించి వివరించారు .రిసోర్స్ పర్సన్ గా డా ఎం. అలివేలు అసిస్టెంట్ ప్రొఫెసర్ కెమిస్ట్రీ తెలంగాణ తిన్ లేయర్

క్రోమటోగ్రఫీ మరియు పేపర్ క్రోమటోగ్రఫీ పై థియరీ మరియు ప్రయోగాత్మకంగా అవగాహన కల్పించారు. రెండవ సెషన్ లో డా వి. దుర్గా ప్రవీణ రెక్టరర్ ఇన్ కెమిస్ట్రీ గవర్నమెంట్ డిగ్రీ కళాశాల రాజమండ్రి “ అన్ లైసింగ్ మోలేకల్స్ విత్ లైట్ : యూ వి -విసిబుల్ స్పెక్ట్రా ఫోటోమీటర్ అంశం పై థియరీ మరియు ప్రయోగాత్మకంగా వివరించారు. ఆఖరి సెషన్ లో డా కె. రవీంద్ర బాబు కాలమ్ క్రోమటోగ్రఫీ అండ్ పోలేరిమెటరీ అనే అంశం పై విద్యార్థులకు థియరీ ప్రయోగం ద్వారా వివరించారు.ఈ వర్క్ షాప్ లో వివిధ కళాశాల ల అధ్యాపకులు విద్యార్థులు పాల్గొన్నారు. విద్యార్థులకు ఉపయోగపడే వర్క్ షాప్ నిర్వహించిన కెమిస్ట్రీ డిపార్ట్మెంట్ కి అభినందనలు తెలిపారు

