

Andhra Christian College::Guntur

Department of Botany

Seminar Report

Seminar Report on "Plants Used by the Tribal Population for Edible Purposes"

Date: 23-04-2019

Time: 11:00 a.m.

Venue: Department of Botany, Andhra Christian College, Guntur

Participants: Sr. Inter, CBZ – UG, and PG Botany students

Resource Person: Dr. Ch. Bhaskara Rao, M.Sc., M.Ed., Ph.D., Head, Department of Botany, Government Degree College for Women (A), Guntur

Teaching Staff Present:

- Mr. T. D. Rajasekhar, Head of the Department of Botany
- Mrs. G. Nirmala Kumari, Lecturer
- Mr. M. R. P. Satyakeerthi, Lecturer
- Dr. V. Ezra Vijaya Sekhar, Lecturer
- Dr. D. Phebe Sarah, Lecturer
- Mrs. G. Venkata Lakshmi, Lecturer
- Mrs. R. Prasanthi Kumari, Lecturer

Objectives of the Seminar:

1. **Educational Enrichment:** To provide students with knowledge about various plants utilized by tribal populations for edible purposes.
2. **Cultural Awareness:** To introduce students to the traditional practices and ethnobotanical knowledge of tribal communities.
3. **Practical Application:** To highlight the nutritional and medicinal value of these plants, potentially encouraging their use in modern diets.
4. **Conservation Awareness:** To stress the importance of preserving indigenous knowledge and biodiversity.

Seminar Proceedings:

The seminar commenced with an introduction by Mr. T. D. Rajasekhar, Head of the Department of Botany, who welcomed the resource person, Dr. Ch. Bhaskara Rao, and the participants. He emphasized the relevance of understanding ethnobotany and its applications in contemporary society.

Key Points from Dr. Ch. Bhaskara Rao's Presentation:

1. **Introduction to Ethnobotany:**
Definition and scope of ethnobotany.
The importance of studying the relationship between indigenous peoples and plants.
2. **Diversity of Edible Plants:**
An overview of various plants used by tribal populations for food.
Examples of edible roots, tubers, fruits, leaves, and seeds.

3. **Nutritional and Medicinal Benefits:**

Detailed information on the nutritional content of these plants.

Discussion on the medicinal properties and health benefits of consuming these plants.

4. **Sustainable Harvesting Practices:**

Methods used by tribal communities to harvest plants sustainably.

The role of traditional ecological knowledge in conservation.

5. **Case Studies and Examples:**

Specific case studies from different tribal regions in India.

Visual aids, including photographs and illustrations of the plants discussed.

6. **Challenges and Conservation:**

The challenges faced by tribal communities in preserving their traditional knowledge.

The importance of conserving both the plant species and the ethnobotanical knowledge associated with them.

Interactive Session:

Following the presentation, an interactive session was held where students asked questions and shared their thoughts. Dr. Bhaskara Rao addressed various queries regarding the practical applications of this knowledge in modern-day contexts and potential research opportunities in the field of ethnobotany.

Outcomes of the Seminar:

1. **Enhanced Knowledge:** Students gained a deeper understanding of the diverse plants used by tribal populations and their nutritional and medicinal values.
2. **Awareness and Appreciation:** There was a heightened awareness and appreciation for the traditional knowledge of indigenous communities.
3. **Interest in Ethnobotany:** The seminar sparked interest among students to explore further studies and research in ethnobotany.
4. **Conservation Mindset:** Participants recognized the importance of conserving both biodiversity and indigenous knowledge for future generations.

The seminar concluded with a vote of thanks by Mrs. G. Nirmala Kumari, who expressed gratitude to the resource person, faculty members, and students for their active participation. Refreshments were served, and students had the opportunity to interact informally with the resource person and faculty.





Seminare Attendance

<u>S.No</u>	<u>Name</u>	<u>Signature</u>
1.	K. Manasa	K. Manasa
2.	N. Hemalatha	N. Hemalatha
3.	P. Meghana Kumari	P. Meghana Kumari
4.	T. Asha	T. Asha
5.	P. Ratna Kumari	P. Ratna Kumari
6.	T. Ratna Kupamma.	T. Ratna Kupamma
7.	B. Sahasudaya.	B. Sahasudaya
8.	T. Lani	T. Lani
9.	D. Danya	D. Danya
10.	P. Gokul Srikanth.	P. Gokul Srikanth
11.	B. Samuel	B. Samuel
12.	Ch. Naga Raju	Ch. Naga Raju
13.	M. Adarsh	M. Adarsh
14.	B. Abhinay.	B. Abhinay.
15.	V. Dilip	V. Dilip
16.	P. Syam	P. Syam
17.	S. Vinay	S. Vinay
18.	R. Sulochana	R. Sulochana
19.	K. Theinavani	K. Theinavani
20.	P. Nirmala Swetha	P. Nirmala Swetha
21.	K. Mounika	K. Mounika
22.	P. Vicky	P. Vicky
23.	M. Stevenson	M. Stevenson
24.	T. YUVARAJU	T. YUVARAJU

Andhra Christian College, Guntur

(Day, Evening and PG)

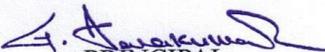
NOTICE

Date: 22-04-2019

This is to inform that there will be a seminar on **“Plants used by the tribal population for edible purpose”** tomorrow, i.e., on 23-04-2019, to be conducted by the department of Botany, at 11 AM. Dr. Ch. Bhaskara Rao, Head Department of Botany, Government Degree College for Women, Guntur will address the seminar.

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




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

Andhra Christian College::Guntur

Department of History (P. G.)

Seminar Report on "Importance of History in Amaravathi"

Event Details:

- **Topic:** Importance of History in Amaravathi
- **Date:** 15th March 2019
- **Time:** 11:00 a.m.
- **Venue:** Room No. 3, Andhra Christian College, Guntur
- **Organized by:** Department of History (P. G.), Andhra Christian College, Guntur
- **Participants:** P. G. and U. G. students of History

Resource Person:

- **Name:** Mr. B. Suresh
- **Designation:** Research Scholar, Department of History, Acharya Nagarjuna University, Guntur
- **Alumni of:** Andhra Christian College, Guntur

Faculty Present:

- **Dr. Ch. Vijaya Kumar (Head of the Department)**
- **Dr. M. J. Jaya Prasad**
- **Mr. N. Mukkanti**
- **Mr. G. Prakasa Rao**

Summary of the Seminar:

The seminar on the "Importance of History in Amaravathi" commenced with an introductory note by Dr. Ch. Vijaya Kumar, Head of the Department of History. He welcomed the resource person, Mr. B. Suresh, an esteemed alumni of the college and a research scholar at Acharya Nagarjuna University. Dr. Ch. Vijaya Kumar emphasized the significance of understanding local history and its impact on broader historical narratives.

Mr. B. Suresh began his presentation by highlighting Amaravathi's rich historical and cultural heritage. He traced the history of Amaravathi back to ancient times, noting its prominence as a major Buddhist center during the Mauryan and Satavahana periods. He discussed the famous Amaravathi Stupa, an important monument in Buddhist history, and its role in the spread of Buddhism.

Mr. Suresh elaborated on the architectural and artistic contributions of Amaravathi, focusing on the unique features of the Amaravathi sculptures and their significance in the study of Indian art history. He also touched upon the socio-political history of the region, detailing how Amaravathi served as a significant center of political power and cultural exchange over the centuries.

The seminar also covered the modern historical context of Amaravathi, particularly its selection as the new capital city of Andhra Pradesh. Mr. Suresh discussed the ongoing developments and how they are interwoven with the region's historical legacy.

The session was interactive, with students actively participating in the discussion. They posed questions regarding the preservation of historical sites and the challenges faced in maintaining the cultural heritage of Amaravathi in the face of urban development. Mr. Suresh provided insightful answers, emphasizing the importance of historical awareness and preservation efforts.

The seminar concluded with a vote of thanks by Dr. M. J. Jaya Prasad, who appreciated Mr. B. Suresh's informative presentation and encouraged students to delve deeper into the study of local history. Dr. Jaya Prasad acknowledged the presence of faculty members Mr. N. Mukkanti and Mr. G. Prakasa Rao, and thanked them for their support in organizing the seminar.

Overall, the seminar was a resounding success, leaving the students with a greater appreciation for the history of Amaravathi and its relevance to their studies.





Andhra Christian College::Guntur

Department of History

Seminar on "Importance of History in Amaravathi"

STUDENT ATTENDANCE

S. No.	Name of the Student	Roll No.	Signature
1	Sarala T.	01	Tsarala
2	K. Ram babu	02	K. Ram babu
3	K. pream chandu	03	K. pream chandu
4	Ashok Kumar K.	04.	Ashok Kumar K.
5	A. Gopi	05	A. Gopi
6.	T. BaBu	0.6	T. babu
7.	N. Giloxy Pushpanjali	01	N. Giloxy pushpanjali
8.	N. Raja Kishore	02.	N. Raja Kishore.
9	S.K. Ayesue Parveen	03	SK. Ayesue parveen
10	K. Nagamani	04	K. Nagamani
11	B. Gayathri	1	B. gayathri
12	N. Sowmya	19	N. Sowmya
13	M. Padmasri	8	M. Padmasri
14.	D. Indu	2	D. Indu
15.	N. Bhavani Nikethan	23	N. Bhavani
16.	R. Venkates warlu ^{Naik}	14	R.v Naik
17.	B. kanti Babu	24	B.k. Babu.
18.	K. Noel Jshuva	16	K. Jshuva.
19.	J. Prasanna Naik	117	Prasanna Naik.
20.	D. Sri Leksh.	102.	Sri Leksh
21	U Sri Harsha	11	Sri Harsha
22	Y. Aadresh	28	Y. Aadresh

S. No.	Name of the Student	Roll No.	Signature
23	K. Rajesh Naik	118	K. Rajesh Naik
24	D. ANIL	110	D. ANIL
25	M. D. JAYA RASU	12	M. D. JAYA RASU
26	M. Vinay	111	M. Vinay
27	P. Subramaniam	29	P. Subramaniam
28	Gr. K. RUPA Jothi	4	Gr. K. Jothi
29	M. Sri Nivas Rao	22	M. Sri Nivas Rao
30	D. Jeevan Babu	105	D. Jeevan Babu

ch. vyemkumar
 Head
 Dept. of History (P. G.)
 Head
 P.G. DEPT. OF HISTORY
 A.G. College, GUNTUR



P. Jeevan Babu
 Principal
 PRINCIPAL
 Andhra Christian College
 GUNTUR

Andhra Christian College, Guntur

(Day, Evening & P.G.)

NOTICE

Date: 14-03-2019

All the P. G. & U. G. History students are hereby informed to attend a seminar on "Importance of History in Amaravathi" to be conducted on 15-03-2019. Mr. B. Suresh, Research Scholar, Department of History (P. G.), Acharya Nagarjuna University, Guntur will be the Resource Person for this seminar.

Venue: R. No.03

Time : 11.00 a.m.

Ch. Vijayakumar
Head

Department of History (P. G.)
HEAD
P.G. DEPT OF HISTORY
A.C. COLLEGE, GUNTUR.

Copy to:

1. The coordinator, IQAC
2. The Office Manager

B. Suresh
Principal



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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.

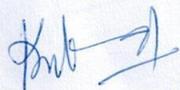
Dr. B. Naga Raju, delivering his speech

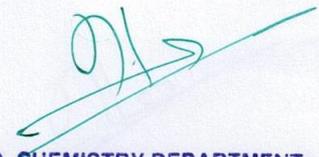




STUDENT ATTENDANCE

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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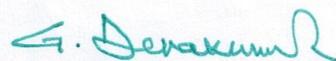
(Day, Evening and PG)

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.



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2. The office manager, Andhra Christian College



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Department of Commerce

Guest Lecture Report on "Recent Trends in Banking"

Date: 12 – 12 – 2018

Venue: Department of Commerce, Andhra Christian College, Guntur

Organized by: Department of Commerce

Resource Person: Mr. K. Mohan Rao, Lecturer, Department of Commerce, Chalapathi Degree College, Guntur

Head of the Department: Dr. T. N. Usha Rani

Faculty: Mr. T. Chandra Babu, Senior Lecturer; Mr. T. V. Prakash Babu; Mrs. K. Jyothi; Ms. G. Madhuri

Objectives of the Lecture:

1. **Introduction to Recent Banking Trends:** To acquaint students with the latest trends and innovations in the banking sector, including digital banking, fintech, and regulatory changes.
2. **Understanding the Impact of Technology:** To explore the impact of technological advancements such as mobile banking, blockchain, and artificial intelligence on traditional banking practices.
3. **Awareness of Regulatory Developments:** To inform students about recent regulatory changes in the banking sector and their implications for financial institutions and customers.
4. **Preparing for Future Banking Roles:** To equip students with knowledge and skills relevant to the evolving banking landscape, enhancing their readiness for careers in finance and banking.

Summary of the Lecture:

On 12th December 2018, the Department of Commerce at Andhra Christian College, Guntur, organized a guest lecture on "Recent Trends in Banking" for B. Com. students. The session was conducted by Mr. K. Mohan Rao, a knowledgeable lecturer from the Department of Commerce at Chalapathi Degree College, Guntur, who has extensive experience in banking and finance.

He began the lecture by outlining the significant changes in the banking sector over the past decade, driven largely by technological advancements and regulatory reforms. He highlighted the shift towards digital banking, where mobile banking, online transactions, and digital wallets have become integral parts of modern banking. Mr. Rao explained how these technologies have not only enhanced customer convenience but also increased the efficiency of banking operations.

The lecture also delved into the rise of fintech companies and their disruptive impact on traditional banking models. Mr. Rao discussed how innovations such as peer-to-peer lending, crowdfunding, and robo-advisory services are reshaping the financial services industry. He also touched on the adoption of blockchain technology in banking, particularly in the areas of secure transactions and record-keeping.

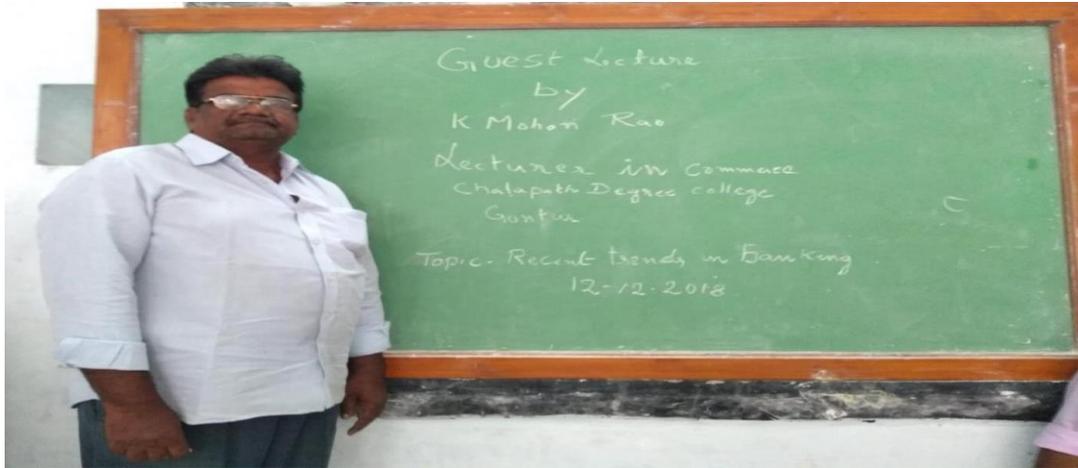
Another critical aspect of the lecture was the discussion on regulatory developments, including the implementation of the Goods and Services Tax (GST) and the Insolvency and Bankruptcy Code (IBC). Mr. Mohan Rao emphasized how these regulations have affected the banking sector, particularly in terms of compliance, risk management, and financial reporting.

Throughout the lecture, he used real-world examples to illustrate the practical implications of these trends on banks, businesses, and consumers. He also engaged students in discussions about the challenges and opportunities presented by these changes, encouraging them to think critically about the future of banking.

Outcomes of the Lecture:

1. **Updated Knowledge:** Students gained up-to-date knowledge of the latest trends in banking, including the role of technology and the impact of regulatory changes.
2. **Technological Insights:** The lecture provided students with a deeper understanding of how technological advancements are transforming the banking industry, preparing them for future challenges in the sector.
3. **Regulatory Awareness:** Students became more aware of the recent regulatory developments affecting the banking industry, equipping them with essential knowledge for their careers in finance.
4. **Critical Thinking:** The session fostered critical thinking among students, encouraging them to analyze and evaluate the potential future trends in banking.
5. **Career Preparedness:** The insights provided during the lecture enhanced students' readiness for careers in banking and finance, making them better prepared to navigate the evolving landscape of the industry.

The lecture concluded with an interactive session, where students asked questions and shared their perspectives on the topics discussed. Mr. Mohan Rao addressed their queries and provided additional insights, making the session highly informative and engaging.



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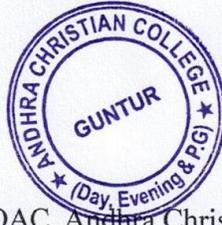
(Day, Evening and PG)

NOTICE

Date: 11-12-2018

This is to inform that there will be a Guest Lecture on “**Recent Trends in Banking**” tomorrow, i.e., on 12-12-2018, to be conducted by the department of Commerce, at 11 AM. Mr. K. Mohan Rao, Lecturer, Department of Commerce, Chalapathi Degree College, Guntur will address the seminar.

All the B. Com. students are instructed to attend the programme without fail.



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Department Of Chemistry Workshop On Soil Analysis

Name of the activity: Workshop on soil analysis in the department of Chemistry.

Date: 5-12-2018

Objectives:

1. To provide useful information about the chemical and physical conditions of the soil in a specific location.
2. To provide an index of nutrient availability or supply in the given soil and identify nutrient deficient soils.
3. To predict the probability of obtaining a profitable response to fertilizer application.

Report:

The Department of Chemistry organized a workshop on "Soil Analysis" on 5th December 2018, in the department. Mrs. B. Joyce, HOD of Chemistry, St. Ann's college for Women, Gorantla, was invited as Resource Person. Dr. N. J. Solomon Babu, HOD of Chemistry, introduced the resource person and explained the significance of Soil Analysis. Mrs. B. Joyce gave an elaborate talk on soil analysis and its importance and demonstrated the process of soil analysis. The students actively participated the programme and at the end, the students interacted with the resource person with curiosity.

Acknowledgements: The department of Chemistry is very much thankful to the principal, Dr. G. Deva Kumar, for giving permission to conduct the workshop. The department is also thankful to the resource person for successful conduction of the programme.



Students enrolled in 2018-2019

S.No	Class No	Name of the student	Signature of the student
1	601	K.Akhila	K. Akhila
2	602	M. Vajram	M. Vajram
3	603	S.Mahalakshmi	S. Mahalakshmi
4	605	B.Jyothi	B. Jyothi
5	611	K.Tulasi Ram	K. Tulasi Ram
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

(In charge)
HEAD, CHEMISTRY DEPARTMENT
A.C. COLLEGE, GUNTUR.

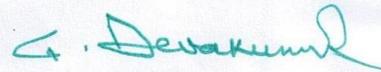
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NOTICE

Date: 04-12-2018

This is to inform you that there will be a workshop on "SOIL ANALYSIS" conducted by Chemistry Department on 05-12-2018 at 11.00 AM, in room no. 63.

All the students are requested to attend the programme without fail.



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

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DEPARTMENT OF P.G ZOOLOGY

SEMINAR REPORT ON “IMPORTANCE OF VITAMIN D”

Introduction

The Department of P.G Zoology, Andhra Christian College, Guntur, organized a seminar on "Importance of Vitamin D" on 06-11-2018. The seminar was graced by the presence of Prof. K. Sunita, Department of Zoology, Acharya Nagarjuna University, Nagarjuna nagar, Guntur district, who served as the resource person.

CURRICULUM VITAE

1. Name in full in Block letters: **Prof. KANIKARAM SUNITA**

2. Date of Birth: **13-08-1972**

4. Date of Joining into the service: **17-10-2006**

4. Present Designation & Department: **PROFESSOR**

DEPT. OF ZOOLOGY & AQUACULTURE

5. Field of specialization: **PARASITOLOGY & IMMUNOLOGY**

6. Address for Correspondence:

a. **Office:** DEPARTMENT OF ZOOLOGY & AQUACULTURE,

ACHARYA NAGARJUNA UNIVERSITY,

NAGARJUNA NAGAR 522510,

GUNTUR, ANDHRA PRADESH, INDIA

b. **Residence:** H. No.: 4-15-49A, FLAT NO. 301,

4TH FLOOR, GREENWOODS APARTMENT,

BHARATHPET 6TH LINE, GUNTUR – 522002,

ANDHRA PRADESH, INDIA

c. E-mail: **drkanikaramsunita@gmail.com**

d. Phone: (Off) 0863-2346340

(Mobile) 8897951598

(Res) 9490343164

(Fax) 0863-2293320

7. Academic Qualifications:

- **M.Sc. (Zoology) in 1995 and Ph. D. (Parasitology) from Kakatiya University, Warangal, Telangana State**
- **Ph. D. (Parasitology) on 02-03-2002 from Kakatiya University, Warangal, Telangana State**

8. Period of teaching experience: P.G. Classes: 18 years

9. Field of Specialization under the Subject/ Discipline:

Immunology & Parasitology under the subject Zoology

10. Honours and Awards:

- **Awarded Merit Scholarship of worth Rs. 5000/- at M.Sc. level**
- **Associate Fellow of Andhra Pradesh Akademi of Sciences – 2013**
- **Outstanding Woman Researcher Award in Zoology - 2024 from Venous International Foundation Chennai, Tami Nadu**

11. Membership with Professional and Scientific bodies:

- (i) Life Member of Indian Society for Comparative Animal Physiology (ISCAP)**
- (ii) Life Member of Indian Association of Aquatic Biologists (IAAB)**
- (iii) Life Member of Indian Science Congress (ISCA)**

12. M.Phil. Degrees guided: **03**

13. Ph.D. Degrees guided: **13**

14. Research Projects: **03**

- As Principal Investigator, completed a UGC – Major Research Project - 2010-13
- Member of ‘Project Implementation Group’ of UGC-SAP-DRS Project – Level III
- Member of ‘Project Implementation Group’ of DST-FIST Programme – Level I

15. List of Books Published: **05**

16. List Papers Published in Reputed Journals: **90**

17. List of Papers published in Seminar Volumes: **02**

Objectives of the Seminar

This significant one-day conference sought to:

1. Give a summary of the many possible health advantages of vitamin D.
2. An update on the recommended levels of vitamin D and its status across communities in Southeast Asia.
3. Give a summary of what is now known about the physiological function of vitamin D in human nutrition throughout the life cycle.
4. Consider the function and significance of vitamin D sources, such as sunshine, food, fortification, and supplements.
5. Provide an update on matters pertaining to the evaluation of vitamin D status and talk about the creation of suggested vitamin D intakes.

Seminar Proceedings Opening Remarks

The seminar commenced with an introductory speech by the Head of the Department Dr. B. Diana J. Satya Latha. The speaker welcomed Prof. K. Sunita and highlighted his significant contributions to the field of Zoology and her extensive experience in teaching.

Prof. K. Sunita began her presentation by defining the importance of Vitamin D, and she explained the following contents:

1. Vitamin D status in young children and women.
2. Vitamin D status and intakes.
3. Influence of maternal Vitamin D on birth outcomes.
4. Vitamin D and child health.
5. Importance of Vitamin D in healthy aging.
6. Vitamin D and UV exposure - Benefits vs risks, barriers to exposure and how much do we need.
7. Food sources of Vitamin D/ fortification/ supplementation.
8. Methodologies and cut-offs for measuring/ evaluating Vitamin D status.

Interactive Session

The seminar also included an interactive session where participants had the opportunity to ask questions and discuss their doubts with Prof. K. Sunita. This session was highly engaging and provided additional clarity on the topics discussed.

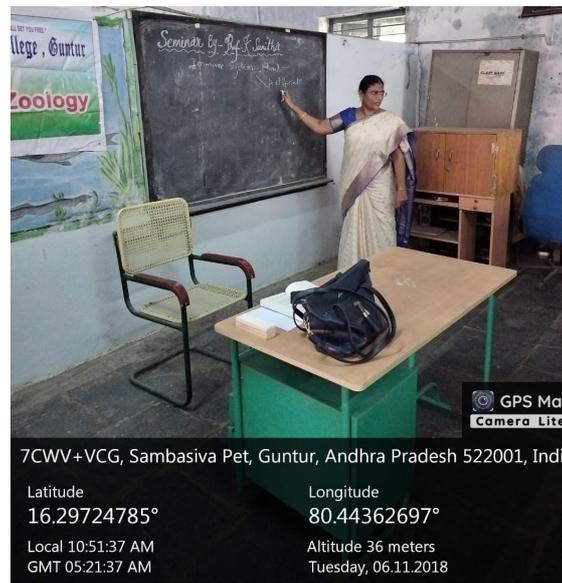
Conclusion

The seminar concluded with a vote of thanks by one of the participants. The participants expressed their appreciation for Prof. K. Sunita 's insightful presentations and her ability to explain complex concepts in an accessible manner. The seminar was a great success, significantly enhancing the participants' understanding of importance of Vitamin D3.

Acknowledgements

The Department of P.G Zoology, Andhra Christian College, Guntur, extends its heartfelt gratitude to Prof. K. Sunita for her valuable contribution to the seminar. Special thanks to the faculty members, and students for their active participation and support.

Professor K. Sunita, resource person for the seminar with participants:



Interaction session



The seminar concluded with a vote of thanks by one of the participants



1st event

ANDHRA CHRISTIAN COLLEGE::GUNTUR
Post Graduate Department of Zoology
2018 - 19

S.No	Name	Reg.No	Signature
1	KanakaRatnam	Y19ZO01001	KanakaRatnam
2	Raja	Y19ZO01002	Raja
3	Mahesh	Y19ZO01003	Mahesh
4	Chandini	Y19ZO01004	Chandini
5	Greeshma	Y19ZO01005	Greeshma
6	MarlinBeulah	Y19ZO01006	M. Beulah
7	Yesu Babu	Y19ZO01007	Yesu Babu
8	VeeraSwamy	Y19ZO01008	Veeraswamy
9	Chaitanya	Y19ZO01009	Chaitanya
10	Leelavathi	Y19ZO01010	Leelavathi
11	Manjusha	Y19ZO01011	Manjusha
12	Kalyani	Y19ZO01012	Kalyani
13	Mounika	Y19ZO01013	Mounika
14	Neelima	Y19ZO01014	Neelima
15	Pavithra	Y19ZO01015	Pavithra
16	Sahithi	Y19ZO01016	Sahithi
17	Vasavi	Y19ZO01017	Vasavi
18	Dinusha	Y19ZO01018	Dinusha
19	Raveena	Y19ZO01019	Raveena
20	Yedidyah	Y19ZO01020	Yedidyah
21	Vijaya	Y19ZO01021	Vijaya
22	Narendra	Y19ZO01022	Narendra
23	Vishali	Y19ZO01023	Vishali
24	Pranitha Kumari	Y19ZO01024	Pranitha Kumari
25	Anusha	Y19ZO01025	Anusha
26	Prasad	Y19ZO01026	Prasad
27	Nirmala Kumari	Y19ZO01027	Nirmala Kumari
28	Hanuma Naik	Y19ZO01028	Hanuman Naik
29	Barma Naik	Y19ZO01029	B. Naik
30	Sirisha	Y19ZO01030	Sirisha
31	Saraswathi	Y19ZO01031	Saraswathi
32	Mounika	Y19ZO01032	Mounika

ANDHRA CHRISTIAN COLLEGE::GUNTUR
Post Graduate Department of Zoology
2017 - 18

S.No	Name	Reg.No	Signature
1	Venkata Subhashini	Y18ZO01001	Subhashini
2	Bhanu	Y18ZO01002	Bhanu
3	Lalitha	Y18ZO01003	Lalitha
4	Ratna Babu	Y18ZO01004	Babu
5	Ratnamaiah	Y18ZO01006	Ratnamaiah
6	Sudha Rani	Y18ZO01007	Sudha
7	Azmin	Y18ZO01008	Azmin
8	Suseela	Y18ZO01009	Suseela
9	Bhadram	Y18ZO01010	Bhadram
10	Nagoor Basha	Y18ZO01011	Basha
11	Mahin	Y18ZO01012	Mahin
12	Suneetha	Y18ZO01013	Suneetha
13	Aswini	Y18ZO01014	Aswini
14	Ibrahim	Y18ZO01015	Ibrahim
15	Abhishiktha Prakashini	Y18ZO01016	Abhishiktha
16	Sahithi Naga Ratnam	Y18ZO01017	Sahithi
17	Chandrika	Y18ZO01018	Chandrika
18	Gopi	Y18ZO01019	Gopi
19	Ratna Kumari	Y18ZO01020	Ratna
20	Vinodh Babu	Y18ZO01021	Vinodh Babu
21	Vinod	Y18ZO01022	Vinod
22	Mounika Baby	Y18ZO01023	Mounika

Andhra Christian College, Guntur

(Day, Evening & P.G.)

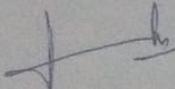
NOTICE

Date: 02-11-2018

All the M. Sc. Zoology students are hereby informed to attend a seminar on "Importance of Vitamin D3" to be conducted on 06-11-2018. Prof. K. Suneetha, Department of Zoology, Acharya Nagarjuna University, Guntur will be the Resource Person of this seminar.

Venue: Dept. of P. G. Zoology

Time : 11.00 a.m.


02/11/2018
Head Dept. of P.G. Zoology
ANDHRA CHRISTIAN COLLEGE
GUNTUR

Department of P. G. Zoology

Principal

Copy to:

1. The coordinator, IQAC
2. The Office Manager

Andhra Christian college

(Day, Evening and PG)

NOTICE

Date: 22-08-2018

This is to inform you that there will be a seminar on “QUNTAM NUMBERS” tomorrow, i.e., on 23-08-2018 to be conducted by the department of physics, at 11 AM.

Dr. G. Gowri Sankar, Head Department of Physics, Hindu College, Guntur. Will be address the seminar. All the students of III B.Sc. are instructed to attend the programme without fail.



Copy to:

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

Principal

A handwritten signature in blue ink, appearing to read "G. Gowri Sankar".

PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
GUNTUR

Andhra Christian College::Guntur

Department of Physics

Seminar Report on "Quantum Numbers"

Organized by:

Department of Physics, A. C. College, Guntur

Date:

23rd August 2018

Time:

11:00 a.m.

Venue:

Department of Physics, A. C. College, Guntur

1. Introduction

The Department of Physics at A. C. College, Guntur, organized a seminar on "Quantum Numbers" on the 23rd of August, 2018. The seminar was part of the department's ongoing efforts to deepen the understanding of fundamental physics concepts among faculty and students. Quantum numbers are a cornerstone of quantum mechanics and play a crucial role in explaining the behavior of subatomic particles.

The resource person for this seminar was Dr. G. Gowri Sankar, Head of the Department of Physics, Hindu College, Guntur, who is known for his expertise in quantum mechanics and atomic physics.

2. Objectives of the Seminar

The primary objectives of the seminar were:

1. To provide a comprehensive understanding of quantum numbers:
 - o Explain the concept of quantum numbers and their significance in quantum mechanics.
2. To explore the different types of quantum numbers:
 - o Detail the four quantum numbers (Principal, Azimuthal, Magnetic, and Spin) and their roles in determining the properties of electrons in atoms.
3. To discuss the application of quantum numbers in atomic structure:

- o Illustrate how quantum numbers are used to describe electron configurations and predict the chemical behavior of elements.
- 4. **To enhance the participants' knowledge in advanced quantum physics:**
 - o Introduce participants to the implications of quantum numbers in modern physics and emerging technologies.

3. Seminar Proceedings

The seminar began at 11:00 a.m. with an opening address by the Head of the Department of Physics, A. C. College. The introduction highlighted the importance of the topic and welcomed Dr. G. Gowri Sankar to the seminar.

3.1 Lecture by Dr. G. Gowri Sankar

Dr. G. Gowri Sankar delivered an in-depth lecture covering the following topics:

Fundamental Concepts of Quantum Numbers:

- o Dr. Sankar began by defining quantum numbers and explaining their importance in quantum mechanics as descriptors of the quantized states of electrons in an atom.

Types of Quantum Numbers:

- o **Principal Quantum Number (n):** Describes the energy level of an electron.
- o **Azimuthal Quantum Number (l):** Determines the shape of the electron's orbital.
- o **Magnetic Quantum Number (m_l):** Indicates the orientation of the orbital in space.
- o **Spin Quantum Number (m_s):** Represents the spin of the electron, a fundamental property affecting its magnetic moment.

Pauli Exclusion Principle:

- o The principle that no two electrons in an atom can have identical quantum numbers was discussed, emphasizing its role in electron configuration and atomic stability.

Applications of Quantum Numbers in Physics:

- o Dr. Sankar provided examples of how quantum numbers are applied in various fields, including atomic physics, quantum chemistry, and quantum computing.

3.2 Interactive Session

An interactive session followed the lecture, during which participants asked questions and engaged in discussions about the complexities of quantum numbers. Dr. Sankar's clear explanations helped demystify challenging concepts, making the session highly productive.

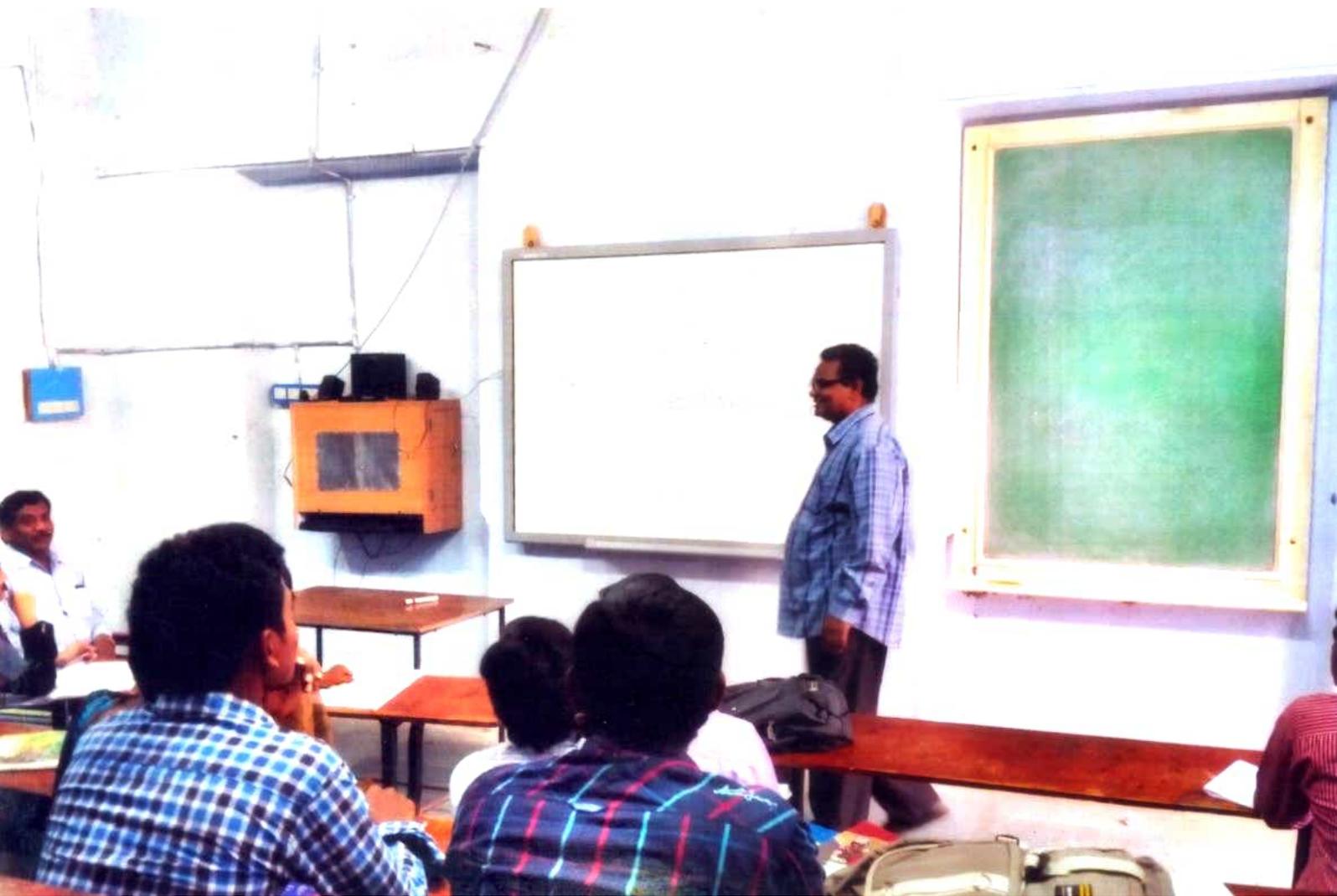
4. Outcomes of the Seminar

The seminar successfully met its objectives and yielded the following outcomes:

1. **Enhanced Understanding:**
 - o Participants gained a thorough understanding of the concept of quantum numbers and their significance in quantum mechanics.
2. **Clarification of Complex Concepts:**
 - o The seminar clarified complex topics related to quantum numbers, particularly the Pauli Exclusion Principle and its implications for atomic structure.
3. **Increased Academic Interest:**
 - o The seminar stimulated interest among students and faculty members in further exploring quantum mechanics and its applications in modern physics.
4. **Practical Insights:**
 - o The application of quantum numbers in understanding atomic structure and behavior was effectively conveyed, helping participants appreciate their relevance in both theoretical and applied physics.

5. Conclusion

The seminar on "Quantum Numbers" was a resounding success, achieving its goals of educating and inspiring participants. Dr. G. Gowri Sankar's expertise and engaging presentation style contributed significantly to the seminar's impact. The Department of Physics at A. C. College, Guntur, looks forward to organizing more such events to continue fostering a deep understanding of fundamental and advanced topics in physics.



Andhra Christian College, Guntur

Department of Physics

List of Students Attended for SEMINAR CLASS

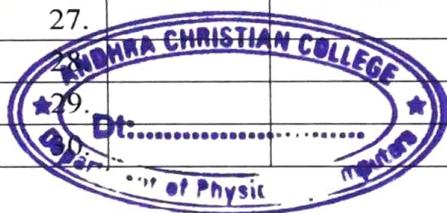
TOPIC: Quantum Numbers

Date: 23.08.18

Class: IIIrd B.Sc

S. No.	Class No	Name of the Students	Signature
1.	602.	K. Bangaru Rani	K. Bangaru Rani
2.	610.	K. Amara Rama Krishna	K. Amara Rama Krishna
3.	612.	T. Naveen Kumar	T. Naveen Kumar
4.	615.	E. Trivikram	E. Trivikram
5.	617.	S. Gopinadh	S. Gopinadh
6.	619.	R. Vamsi	R. Vamsi
7.	620	L. Chinnam Naidu	L. Chinnam Naidu
8.	622.	A. Vijay Kumar	A. Vijay Kumar
9.	625.	Y. Vasa Kumar	Y. Vasa Kumar
10.	628.	K. Mahesh Babu	K. Mahesh Babu
11.	630.	K. Madhu Babu	K. Madhu Babu
12.	633.	K. Prem Kumar	K. Prem Kumar
13.	635.	K. Narendra Babu	K. Narendra Babu
14.	638.	M. Pavan Kalyan Nayak	M. Pavan Kalyan Nayak
15.	640.	D. Naga Babu	D. Naga Babu
16.	642.	P. Arun Kumar	P. Arun Kumar
17.	643.	B. Nagaraju	B. Nagaraju
18.	644.	D. Esi Babu	D. Esi Babu
19.	702.	S.K. Nagur Babu	S.K. Nagur Babu
20.	703.	A. Ravi Teja	A. Ravi Teja
21.	705.	D. Naveen Kumar	D. Naveen Kumar
22.	708	V. Anand	V. Anand
23.	709.	M. Prasanna Kumar	M. Prasanna Kumar
24.	710.	T. Gopi Raju	T. Gopi Raju
25.	711.	G. Ganesh	G. Ganesh
26.			
27.			
28.			
29.			

Rubz...
 Department of Physics
 A.C. College, Guntur.





Andhra Christian College, Guntur

Affiliated to Acharya Nagarjuna University
Sambasivapet main road, Guntur -522001, A. P.

E mail: accollegeguntur@ymail.com website: www.accollegeguntur.com

Criterion: III

Metric: 5.1.2

Work Shop on Practicals in Physics

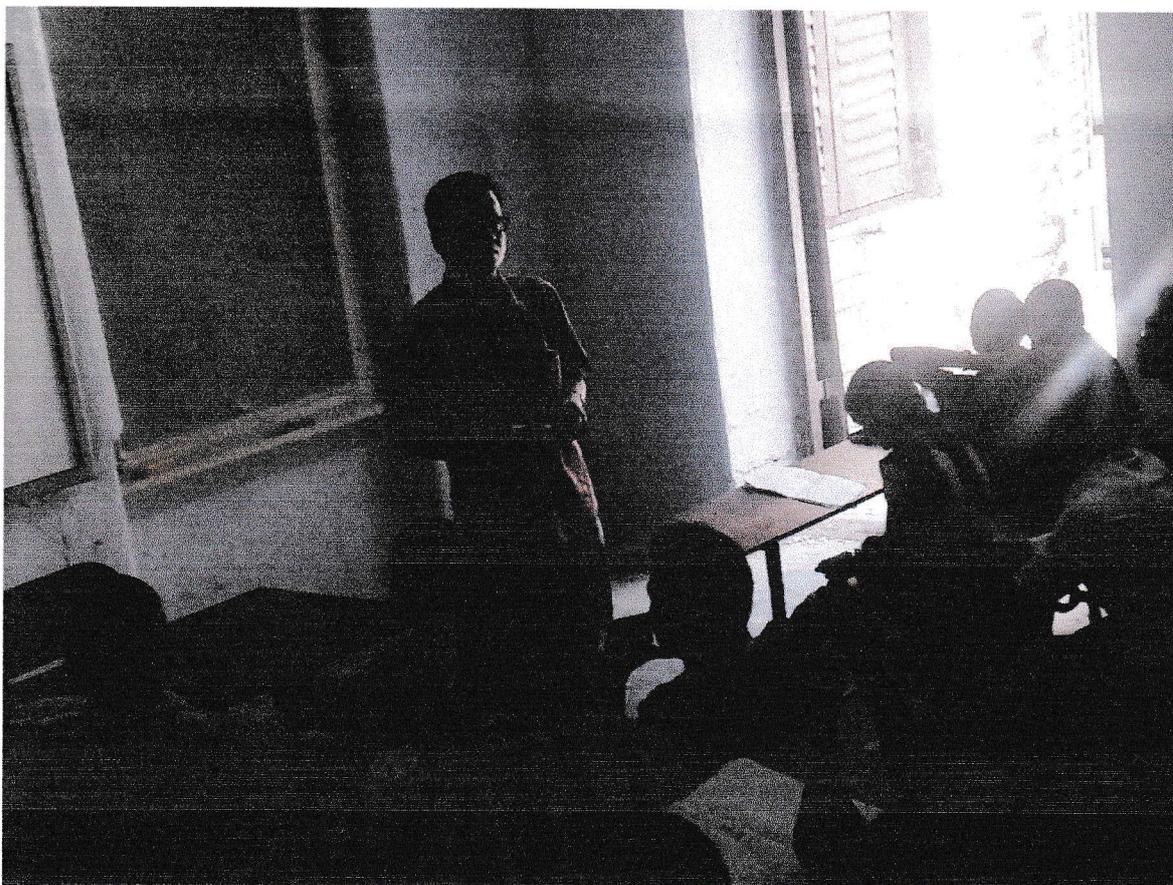
Name of the activity: Work Shop on Practicals in Physics

Date: 7th of August 2018

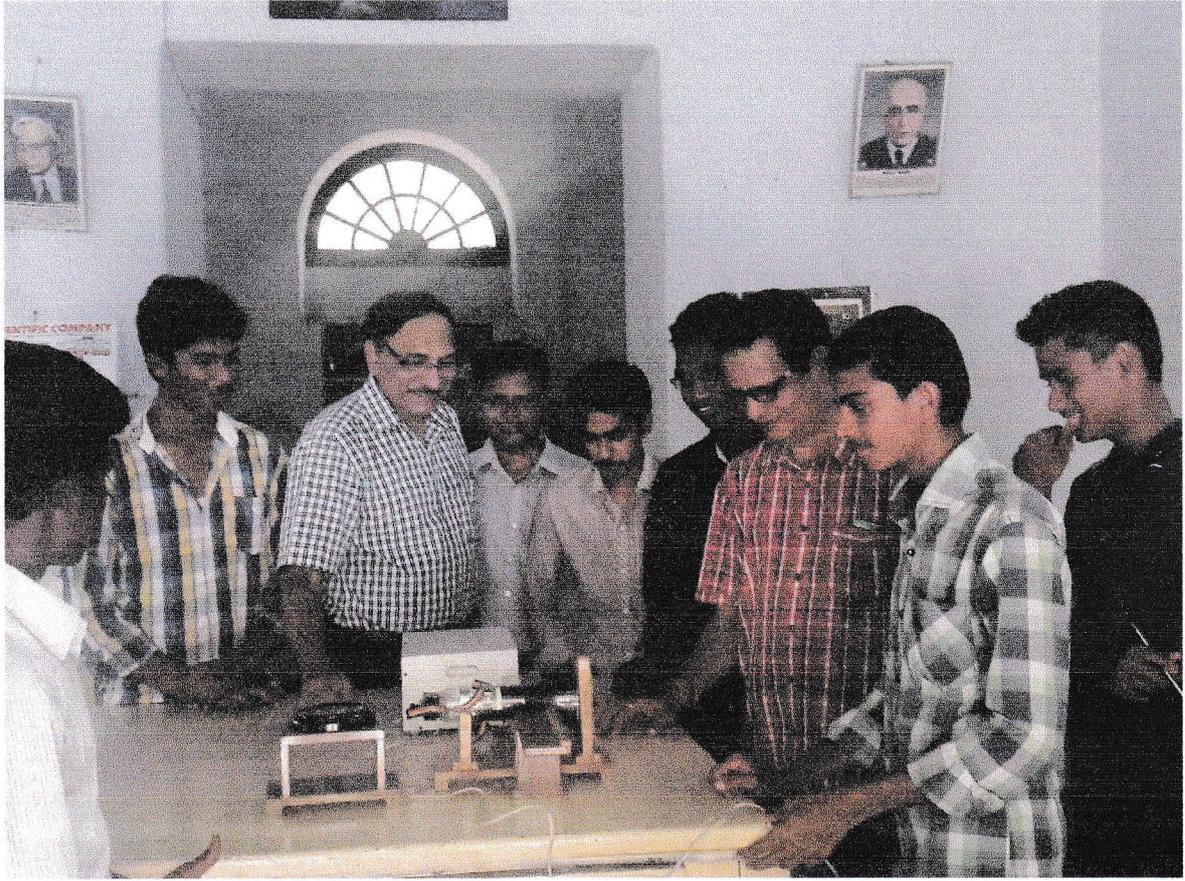
Objective: To Create Understanding of the Practicals in Physics

Report: The IQAC of the college and Department of Physics conducted a workshop on Practicals in B. Sc. Mr. P. M. Prasad delivered a lecture on the conduction of Practicals and after the talk he conduct a demonstration to the students. Staff from the physics department and B. Sc students attend the programme.

Dr. K. Moses, IQAC Co-ordinator and Dr. P. M. Vinaya Teja, HoD arranged the program.



Mr. P. M. Prasad delivering the lecture.



Mr. P. M. Prasad, conducting the demonstration of electronic Practicals.

Andhra Christian College, Guntur

Department of Physics

List of Students Attended for the Workshop

Date: 7-8-2018

Class: I, II, and III B. Sc (M. P.C. and M. P. Cs)

S. No.	Name of the Students	Class	Signature
1.	K. Bangaru Rani	602	K. Bangaru Rani
2.	K. Amara Rama Krishna	610	K. Amara Rama Krishna
3.	P. Raju	611	P. Raju
4.	T. Naveen Kumar	612	T. Naveen Kumar
5.	D. Dargavali	614	D. Dargavali
6.	E. Trivikram	615	E. Trivikram
7.	K. Gopi	616	K. Gopi
8.	S. Gopinadh	617	S. Gopinadh
9.	R. Janu Naik	618	R. Janu Naik
10.	R. Vamsi	619	R. Vamsi
11.	L. Chinnam Naidu	620	L. Chinnam Naidu
12.	M. Nagu Naik	621	M. Nagu Naik
13.	A. Vijay Kumar	622	A. Vijay Kumar
14.	M. Gowtham Siddartha	624	M. Gowtham Siddartha
15.	Y. Vara Kumar	625	Y. Vara Kumar.
16.	B. Mahesh Babu	626	B. Mahesh Babu
17.	M. Rajesh	627	M. Rajesh
18.	K. Mahesh Babu	628	K. Mahesh Babu
19.	Y. Rama Krishna Reddy	629	Y. Rama Krishna Reddy.
20.	K. Madhu Babu	630	K. Madhu Babu

21.	D. Raj Meena	631	D. Raj Meena.
22.	K. Prem Kumar	633	K. Prem kumar
23.	P. Raghu	634	P. Raghu
24.	Sk. Nagur Babu	702	Sk. Naga Babu
25.	A. Ravi Teja	703	A. Ravi Teja
26.	K. Thirumaleswara Rao	704	K. Thirumaleswara Rao
27.	D. Naveen Kumar	705	D. Naveen Kumar
28.	S. Pavan Kumar	1402	S. Pavan Kumar
29.	M. Dani Naveen	1403	M. Dani Naveen
30.	J. Venkatesh	1404	J. Venkatesh
31.	Ch. Vijay Babu	1405	Ch. Vijay babu
32.	R. Sailaja	1406	R. Sailaja
33.	V. Pavan Kalyan	1407	V. Pavan Kalyan
34.	B. Ashok	1409	B. Ashok.
35.	V. Raj Kumar	1410	V. Raj Kumar
36.	G. Emmanuel	1411	G. Emmanuel
37.	P.V.K.K. Dasu Babu	1412	P.V.K.K. Dasu Babu
38.	K. Gayathri	1401	K. Gayathri
39.	K. Narendra Babu	635	K. Narendra Babu
40.	D. Babu Rao	636	D. Babu Rao
41.	G. Raghu Babu	637	G. Raghu Babu
42.	M. Pavan Kalyan Nayak	638	M. Pavan kalyan Nayak.
43.	G. Koti Naga Vara Prasad	639	G. Koti Naga vara Prasad
44.	D. Naga Babu	640	D. Naga babu
45.	N. Suresh	707	N. Suresh.

Department of Physics
A.C. College, Guntur.

Ril Zheer
Department of Physics
A
HOD PHYSICS

ANDHRA CHRISTIAN COLLEGE, GUNTUR

(Day, Evening & P.G.)

NOTICE

Date: 6-8-2018

Tomorrow, the 07 of August 2018 there will be work shop programme conducted by department of Physics. Mr. P. M. Prasad, Lecturer in Physics, Hindu College, Guntur will conduct the work shop. All the Staff and students of B. Sc (M.P. C. and M.P. Cs) attend the programme in the department of Physics at 10 AM without fail.




PRINCIPAL
Andhra Christian College
GUNTUR.
(M. E. S. Vijaya Raju)

PRINCIPAL

Copy To:

1. The Co-ordinator IQAC, Andhra Christian College, Guntur.
2. The Office Manager, Andhra Christian College, Guntur.