

Andhra Christian College, Guntur

(Day, Evening & P.G.)

NOTICE

Date: 21.02.2020

All the M.sc zoology students are hereby informed to attend a work shop on Tools and Techniques to be conducted on 25.02.2020

By Dr.T.Uma Maheswara Rao H.O.D,Department of Chemistry, Hindu college, Guntur will be the Resource Person for this Work shop.

Venue: Dept. of P.G.ZOOLOGY

Time : 11AM

21/02/2020
Principal
Department of P.G. Zoology
ANDHRA CHRISTIAN COLLEGE
GUNTUR
Department of PG ZOOLOGY

Principal

Copy to:

1. The coordinator, IQAC
2. The Office Manager

Andhra Christian College::Guntur

DEPARTMENT OF P.G ZOOLOGY

HANDS ON TRAINING BY DR. T. UMA MAHESWARA RAO

HOD OF CHEMISTRY, HINDU COLLEGE, GUNTUR, FOR M.Sc ZOOLOGY STUDENTS

Introduction

Hands on training by Dr. T. Uma Maheswara Rao for M.Sc Zoology students on spectrophotometry and calorimeter.

Objectives of the Seminar

1. To make the students equipped with the knowledge of calorimeter and spectrography on 25-02-2020 at 10am-5pm.

Participants:

All M.Sc Zoology students (nearly 40) and Zoology staff.

Description in brief:

The resource person primarily explains: The colorimeter is mostly used for color difference measurements in production and inspection applications. The spectrophotometer is mostly utilized in labs and research and development settings for high-precision analysis and precise color management.

Later, the resource person was approached by the students, who asked thoughtful questions and got their questions answered.

And later, using the apparatus in experiments, the students identified various wave lengths using various components.

Outcome:

The training helped the students to understand the working principle of spectrometer and calorimeter in detail and enabled them to handle the instrument for academic or research oriented purpose.

Interactive Session

The seminar also included an interactive session where participants had the opportunity to ask questions and discuss their doubts with Dr. T. Uma Maheswara Rao. This session was highly engaging and provided additional clarity.

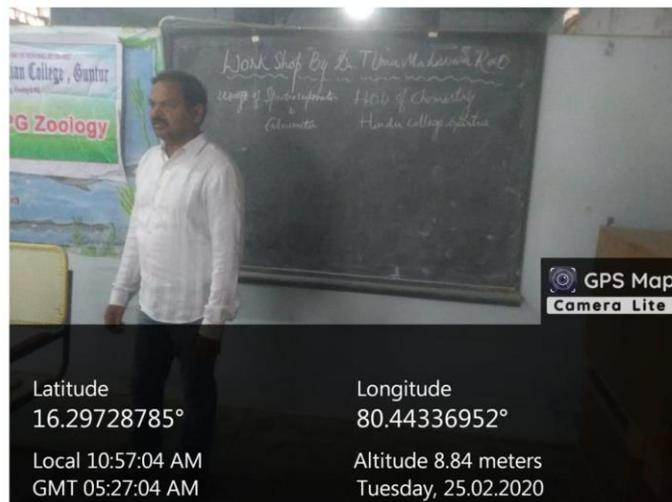
Conclusion:

The resource person has started with the brief description of the various instruments utilised in bio-sciences. The brief description of the spectroscopy and calorimeter was explained by the resource person with the principle. The students were involved much in the analysis of different types of volatile and non-volatile samples in various modes, operations in spectroscopy and calorimeter.

Acknowledgements

The Department of P.G Zoology, Andhra Christian College, Guntur, extends its heartfelt gratitude to Dr. T. Uma Maheswara Rao for his valuable contribution to the workshop. Special thanks to the faculty members, and students for their active participation and support.

Resource person Dr. T. Uma Maheswara Rao explaining the principle of spectrophotometer and calorimeter.



Resource person Dr. T. Uma Maheswara Rao teaching the experiment with instruments.



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ANDHRA CHRISTIAN COLLEGE::GUNTUR
Post Graduate Department of Zoology
2019 - 20

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