



HINDU COLLEGE GUNTGUR

DEPARTMENT OF BOTANY

GUEST LECTURE BY Dr.B.V.L. ARADHYA SARMA,ANU

Name of the Event: Guest Lecture by Dr. B.V.L. Aardhya Sarma, M.Sc., Ph.D. ANU

Date: 22-11-2023

Time: 11.00 AM to 12.00 Noon

Venue: ICT, Department of Botany

Topic: “Introduction to Bioinformatics”

Number of Students participated: 25

Resource Person: Dr. B.V.L. Aardhya Sarma, Department of Zoology, ANU

Co-ordinator: Dr.M.MADHAVI

Number of staff involved: 05

Objective of the Event: To get awareness on basic principles and applications of Genomics to the living organisms.

Plan of Execution: The resource person has given a clear information on Genomics as inter disciplinary field of science that follows on the structure, function, evolution, mapping and coding of genomes. In the present day, the study of genomics is used in tracing out the casual organ for the spread of disease, and to trace out the sequence of DNA. The present day wide spread and dangerous diseases are heart attack, asthma, diabetes and cancer. This genomics study will help to find out the collective characterization of all the genes present in the organism. It also defines the interrelations and influence of the organism. It also helps to determine the sequence of molecules that make the genetic constituent of an organism.

Outcome of the Event: The students are very happy in learning the basic principles of Genomics, and also got their doubts clarified.

GUEST LECTURE

22-11-2023



Guntur, Andhra Pradesh, India
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