

**KANDASWAMI KANDAR'S COLLEGE, Velur, Namakkal (Dt)**

**Department of Zoology  
Zoology Association Inaugural Function**

Date: 24.08.2022

Chief Guest: **Dr. G. Manimegalai**  
Associate Professor of Zoology (Rtd)  
Kandaswami Kandar's College,  
P. Velur – Namakkal dt.

**Dr. G. Manimegalai** presented a talk on the topic “Advanced Zoology” She explained Zoology is the branch of science dealing with [animals](#). A [species](#) can be defined as the largest group of organisms in which any two individuals of the appropriate sex can produce fertile offspring; about 1.5 million species of animal have been described and it has been estimated that as many as 8 million animal species may exist like pokemane. An early necessity was to identify the organisms and group them according to their characteristics, differences and relationships, and this is the field of the [taxonomist](#). Originally it was thought that species were immutable, but with the arrival of Darwin's theory of evolution, the field of [cladistics](#) came into being, studying the relationships between the different groups or [clades](#). [Systematics](#) is the study of the diversification of living forms, the evolutionary history of a group is known as its [phylogeny](#), and the relationship between the clades can be shown diagrammatically in a [cladogram](#).

Although someone who made a scientific study of animals would historically have described themselves as a zoologist, the term has come to refer to those who deal with individual animals, with others describing themselves more specifically as physiologists, ethologists, evolutionary biologists, ecologists, pharmacologists, endocrinologists or parasitologists.

The session was highly useful to our students and it has created an interest our students.



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