

TOPIC

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~~Sub :- Environmental
Science.~~

Project Name:- Ecosystem

Pract -
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ECOSYSTEMS

INTRODUCTION : ECOLOGY :-

The term was first coined by Hons Reiter and Haekel in 1869. The term ecology (oekologie) is originated from Greek words oikos (eco) - means house (or) place of living and ology means the science of (or) the study of. Hence, ecology is the branch of science that deals with the study of the pattern of relations between the organism and their environment. Ecology is the study of ecosystems.

ECO SYSTEM:- In 1935 , the British ecologist A.G Tansley coined the term ecosystem. The term eco system is made up of two Greek words. Eco ecological sphere (or) house (or) place of living (or) surrounding (or) Environment where living organism does exist while system means group of organisms joined in

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regular and interdependent manner. Hence A group of organisms interacting among themselves and with environment is known as ecosystem (OR). A group of organisms interacting among themselves and with environment is known as ecosystem (OR) A system of interaction of organisms with their surroundings is called as ecosystem. Examples: pond, lake, ocean, forest and desert... Etc are some of the examples of the ecosystems.

CHARACTERISTICS OF ECOSYSTEM:-

Eco system is the basic functional unit of ecology. It contains both biotic and abiotic components. The function of ecosystem is related to the cycling of matter (Materials) and flow of energy. The amount of energy needed to maintain an ecosystem depends on its structure. Ecosystem passes from a less complex state to more complex

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