

ICT ENABLE LEARNING

It is the mode of education that uses information and communication technology to support, enhance and optimize the delivery of information. It leads to improved student learning and better teaching methods.

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GROUP DISCUSSION TOPIC: PLANT CELL

Plant cells are eukaryotic cells that vary in several fundamental factors from other eukaryotic organisms.

Plant cell contains cell wall, chloroplast and a large vacuole. Microbodies are present in plant cell which are absent in animal cell.

The organalles of plant cell include plastids, nucleus, mitochondria, endoplasmic reticulum and Golgi apparatus. Centrioles are absent in plant cell.

Plant cell is unique by the presence of chloroplast which help in photosynthesis.

Promote a deeper understanding of a topic and increases long-term retention.

It helps in increasing participant's attention and helps in maintaining their focus by involving them in the learning process.

It also provides feedback to instructors on participant comprehension.

It is used to improve communication skills.

Improve ability to think critically.



ZOOM CLASS

TOPIC:- TYPES OF DNA

DNA IS A GROUP OF MOLECULES THAT ARE

RESPONSIBLE FOR CARRYING AND TRANSMITTING

THE HERIDITY MATERIALS OR THE GENETIC

INSTRUCTIONS FROM PARENT TO OFFSPRINGS.

It was recognized by Swiss biologist Johannes Fried rich miescher.

DNA is abbrevated as Deoxy ribonucleic acid.

Three types of DNA:-

A-DNA

B-DNA

Z-DNA

A-DNA:-

It is right handed double helix similar to the B-DNA.

Dehydrated DNA takes an A form that protects the DNA during extreme conditions such as desiccation.

B-DNA:-

This is the most common DNA confirmation and is a right handed helix.

The majority of DNA has a D- type conformation under normal physiological conditions.

Z-DNA:-

It is left handed DNA where the double helix winds to the left



STUDENT SEMINAR

Discussion based courses.

Typically students complete readings and assignments before the class and discussmajorthemes ortopicsduring class.

Attending a seminar has numerous benefits, including improving communication skills, gaining expertknowledge,networking-withothersandrenewingmotivationandconfidence.

Oralcommunication.

Expertknowledge.

Renewedmotivation.





BLACKBOARDMETHODS

TOPIC:-Structure of chloroplast & Functions

STRUCTURE:-

It is ovul shaped and have two members and an outer membrane and innermembrane.

Outer and inner membrane is havingspaceapproximately 10-20 nmin wide.

Itallowstheprocessofphotosynthesistotakeplace.

FUNCTIONS:-

Toabsorbcarbondioxideduringphotosynthesis.

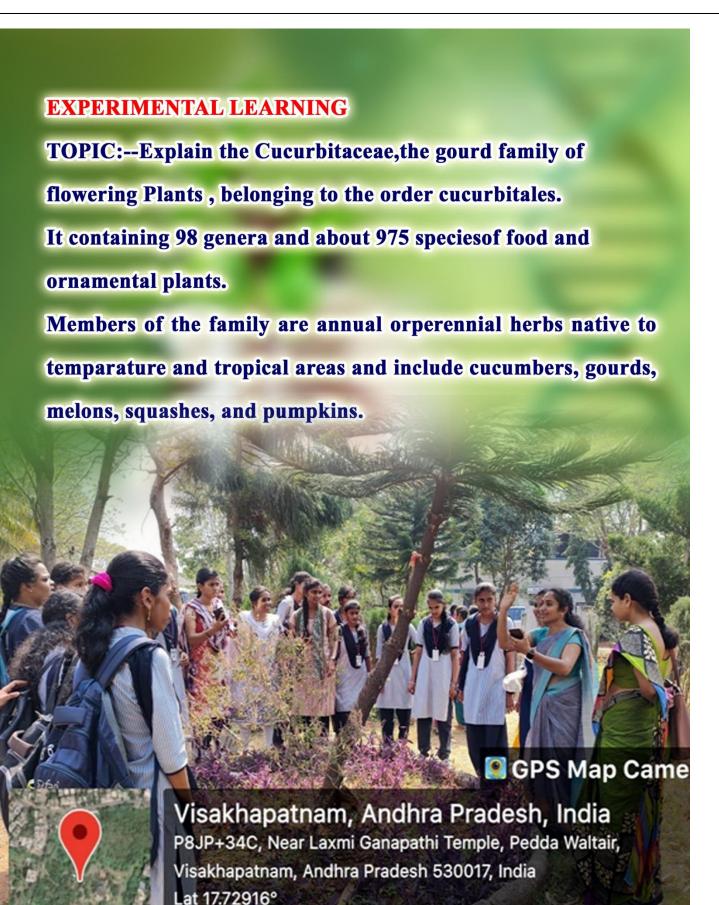
Tobreakupwaterintohydrogenand

oxygen during photosynthesis.

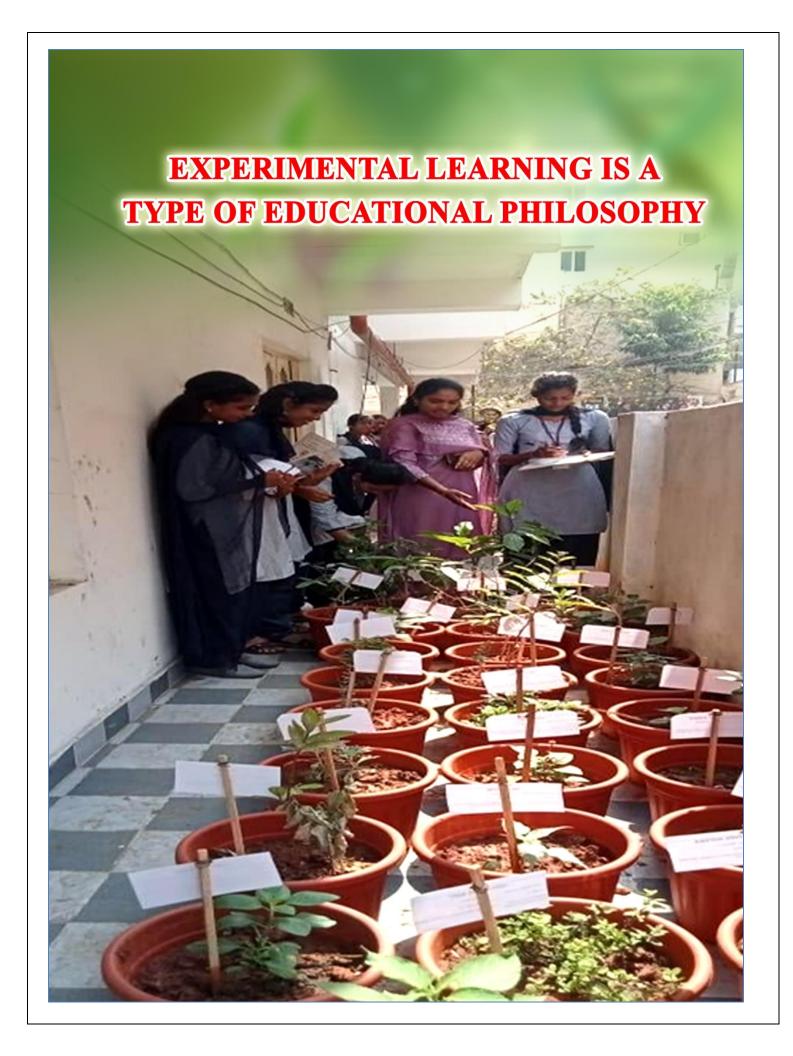
To form Protein and amino acids in thepresenceofsunlight.







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QUIZ

Askingthe following questions:— Whatis APG?
Angiospermphylogenygroup.

Whoproposedstelarevolution? VantieghanandDauliot. whichplantsareinsectivorous? Nepanthis.

Whatissunkenstomata? Deeplyinsidetheleaf.

Whatispurewaterpotential? 0%

What is cell vomiting?

Process of exudation the wasteproducts to outside of the cellcytoplasm.

What is snRNA?

Small nuclear ribonucleoproteincomplex.

What is bentham hooker classification is called? Natural system of classification.

Whatisspecificheat?

The amount of heat needed to raise the temperature of 1 gram of a substance in 1 degree Celsius (%).

WINNERTEAM

GROUP-C

Names:--

G.Lalitha

G:Sowmya

G:Saiharshitha

G:Hemalatha

P.Yamini

P.Tejaswini

P.Savitri

P.Pavani

B.Renuk



