

POSTER COMPETITION FOR COLLEGE STUDENTS

Azadi ka Amrut Mahotsav

INSTITUTE OF WOOD SCIENCE AND TECHNOLOGY, BANGALORE

Azadi Ka Amruth Mahotsav is a program launched for 75 weeks starting March 12 2021 by H'ble Prime Minister of India Shri. Narendra Modi to commemorate 75 years of India's independence. As part of this celebration, ICFRE is conducting various programs like technical series, workshops, exhibitions, documentary shows, poster and essay competitions, cycle rallies etc. Earlier, Institute of Wood Science and Technology organized two online lectures/seminars on 'Propagation and Cultivation of Indian Sandalwood' during April 2021 and on 'Wood Composites' during June 2021.

Now, as part of Week 17 to 30 of Bharat Ka Amrut Mahotsav celebration, the Institute conducted a poster competition on "**Importance of Conservation of the pollinators in different Ecosystems**" from 05th to 11th July 2021.

In this regard wide publicity for the programme was shared through social media. About 140 students from colleges/Universities of different states actively participated in the programme by sending digital posters and drawings through online mode. Screening of posters, was done by a committee under the Chairmanship of Dr. R. Sundararaj, Scientist G and Head, Forest Protection Division and members Dr. Prabuddha, IFS, Head, Extension Division, Shri R. Raja Rishi, Scientist E and Ms. Athulya R, Scientist B, Member Secretary. Upon three levels of screening the committee selected the best posters for first, second and third position (2 nos.) and five posters for consolation prizes. The results were announced and displayed on IWST Website. The winners of the poster competition are as follows:

First Prize-	Mr. Visakh N U, Kerala Agricultural University, Kerala
Second Prize-	Ms. Sayanhi Ghosh, Bangabasi Morning College, West Bengal
Third Prize-	1. Ms. Francina Basil, KristuJayanti College, Karnataka

2. Ms. ParamitaKar, Chakdaha College, West Bengal

Consolation Prize - 1. Ms. R K Vincy, G.P. Women's College, Manipur

2. Mr. Dipak Paul, Krishnath College, West Bengal

3. Ms. Purba Sen, COVSC, Nagaland

4. Ms. Arentila, COVAH, Mizoram

5. Mr. Sai Nesar R, UAS, Karnataka

Prizes and Certificates were issued to the Winners. Prize winning posters (I, II and III prize) posters in PDF format is attached.

PROTECT OUR POLLINATORS

How to conserve pollinators that feed our world



Integrated Crop Pollination (ICP)

Pollinators + Management practices

Habitat management

Provision of nesting sites

Cavity nesting bee blocks Alkali bee nesting site

Mason bee blocks Leaf cutter bee blocks

General welfare of pollinators

Integration of farm management practices

Crop production practices + Crop protection practices

- Remove Bee poisoning
- Avoid direct pesticide contact
- Remove surface residue
- Provide uncontaminated water
- Ban pollinator toxic pesticides

Provision of foraging sites

Bee flora Floral strips

Duranta sp. Cosmos sp. Hibiscus sp.

- ❖ Bats, bees, hummingbirds and butterflies are but four of the 200,000 species of pollinators worldwide. Because of pollinators, our world enjoys plentiful fresh fruits, nuts and vegetables. But survival of pollinators is currently threatened.
- ❖ Threats including diseases, pesticides, loss of friendly habitats and other environmental pressures endanger bees, bats and other pollinators. Such detrimental factors result in fewer pollinators.
- ❖ Think that where would be we without pollinators? So, protect our pollinators and save our future.

--COMMIT TO PROTECTING POLLINATORS!--

--The earth is a unique and diverse planet. In order to maintain its diversity, pollination is a major character at play.

Q. How much rooms should we give the pollinators?

The pollinators don't ask for much and conserving them is preserving our ecosystem.



1. Pollination : A healthy pollination between flowers flourishes a garden



4. Nutrient cycle : Addition of organic matter to the soil, promotes healthy growth of a plant

2. Erosion Control: Roots of trees hold soil firmly and prevents landslide.



5. Food Reservoir - The pollinators should have an abundance of food from environment



3. New Saplings: Adds to ecosystem, inviting pollinators



6. No Pesticides: Major cause for death of pollinators. Say NO to pesticides



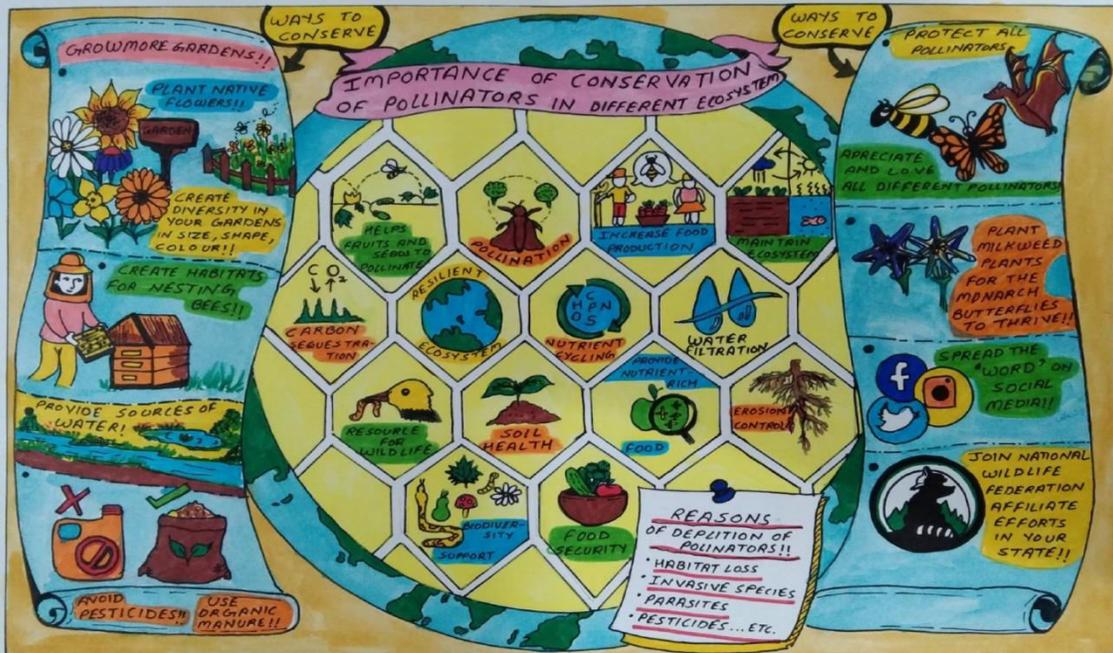
So, let our moto be: **CONSERVE & PRESERVE**

BY: SAYANHI GHOSH, 3RD YEAR, DEPARTMENT OF ZOOLOGY, BANGABASI MORNING COLLEGE, WB

NUTRIENT CYCLE

FOOD RESERVOIR

NO PESTICIDES



FRANCINA BASIL
BSc BBG (1st YEAR)



IMPORTANCE OF CONSERVATION OF THE POLLINATORS IN DIFFERENT ECOSYSTEMS

Good Morning!
Today's topic →
"Importance of Conservation of Pollinators of Different Ecosystems".
So first of all we need to learn about the importance of pollinators.
Do you know, pollinators and flowers are BFF.

Students, you know.....
The pollinators contribute to 1 of every 3 bites of food you take.

Let's read what are the benefits of POLLINATORS.

Students! Let's learn about the different ways, we can conserve the pollinators.

POLLINATORS are vital to creating and maintaining the habitat and ecosystems that many animals rely on for food and shelter.
POLLINATORS support healthy ecosystems that clean the air, stabilize soils, protect the from severe weather.



FLOWERS + BEES = BFF
We bees NEED flowers for food and drinks and plants NEED us to move their pollens from one flower to other flowers so they can't reproduce.



PROTECT US

Bees pollinate 70% of the 100 crops that feed 90% of humans.



Pollinators are responsible for 70% of the food you eat.
THIS MEAL IS BROUGHT TO YOU BY THE FOLLOWING POLLINATORS



Benefits of Pollinators

1. Help 70% of crops producing foods (seeds, fruits) to pollinate.
2. Increase Biodiversity.
3. Increase Food Production.
4. Provide micronutrients rich foods.
5. Main Ecosystem.

<p>1. Plant in clumps, rather than single plant and also plant variety of flowers of various colours and shape to attract the pollinators. TELL ME MORE WAYS STUDENTS.</p>	<p>MORE CONSERVATION OF POLLINATORS..... 1. Preserving natural habitat. 2. Manage rights of land and water to support pollinators.</p>	<p>2. Reduce pesticide use. 3. Quantity and raise public awareness of many benefits of managing of pollinators.</p>	<p>3. Educate farmers about pollination by reward the use of methods that are innocuous to pollinators. 4. Improve breeding of pollinators and develop other species of pollinators.</p>
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