

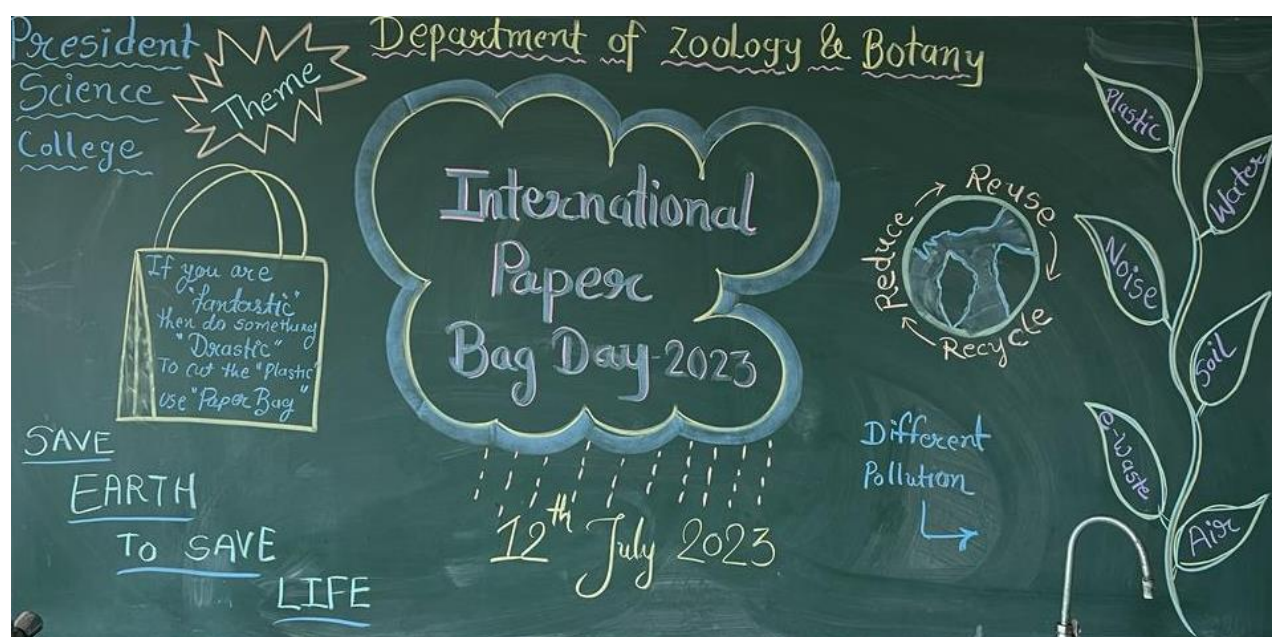


SHAYONA

PRESIDENT SCIENCE COLLEGE

Affiliated with Gujarat University
near Shayona International School, Ghatlodiya, Chanakyapuri, Ahmedabad,
Gujarat 380061

ONE DAY WORKSHOP ON INTERNATIONAL PAPER BAG DAY AND REDUCTION OF PLASTIC POLLUTION



BY

DEPARTMENT OF ZOOLOGY AND BOTANY,
PRESIDENT SCIENCE COLLEGE, AHMEDABAD

WITH

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World Paper Bag Day – 2023

Department of Zoology and Botany

On July 12, **World Paper Bag Day** is celebrated annually to promote the importance of utilizing paper bags instead of plastic. This observance serves as a reminder to prioritize environmentally conscious choices in our everyday lives and encourages individuals and businesses to adopt more sustainable alternatives. The first version of the paper bag, invented by **Francis Wolle** in the early **1850s**, was an envelope-shaped bag, which was limited in terms of its durability and amount of interior space. In **1870**, **Margaret Knight** designed a machine to cut, fold and paste paper bag bottoms. This meant that she could produce flat/square-bottomed paper bags, a great improvement on the earlier envelope-style bag design.



Luther Childs Crowell



Kraft paper bag



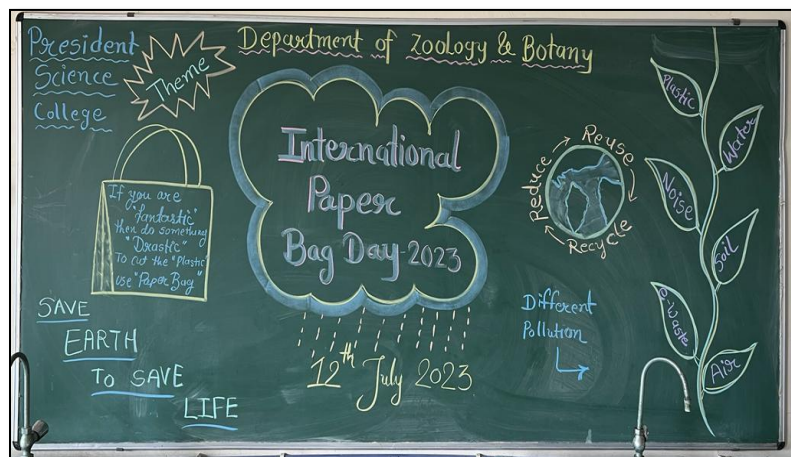
Margaret E. Knight



Patent model of Knight's machine for making paper bags, 1879

Department of Zoology and Botany, **President Science College** has organized one day workshop for B.Sc. students for making Paper bags from the old newspaper. The workshop was supported by Dr. Shivangi Mathur, organized by Dr. Hetal and Dr. Juhi Gajjar, and managed by Ms. Megha Lodha and Ms. Kritika Jadav. The theme of World Paper Bag Day 2023 is ***'If You're 'Fantastic', Do Something 'Dramatic' To Cut The 'Plastic', Use 'Paper Bags''***. Following to theme, the main objective to organize the workshop was to spread awareness of plastic pollution, use eco-friendly alternatives to plastic, preparation of eco-friendly bags and distribute them to society.

Students bring eco-friendly materials old newspapers, calendars, and cardboard to make paper bags. Some expert advice was given by principal Dr. Shivangi Mathur. Students from various departments came to visit a workshop. After completion of the workshop students and faculties have distributed paper bags to local retailers and spread awareness about plastic pollution. This small step towards the protecting environment will be helpful to future generations.





*Workshop visited by different departments of
President Science College*



*Distribution of Paper Bags by students and
faculties of President Science College to
local retailers*
