

GOVERNMENT COLLEGE RAJAHMUNDRY
DEPARTMENT OF BIOTECHNOLOGY
PARTHENIUM AWARENESS WEEK
CELEBRATIONS

Parthenium Awareness Week' was organized by Department of Biotechnology under the guidance of head of the Department Dr.B.Nageshwari along with other lecturers of the department, during 16-22 August, 2024. *Parthenium hysterophorus* (Family: Asteraceae), locally called *gajar ghas* is an alien weed which entered into India along with wheat imported from USA in the early 1950s. Since then it has spread alarmingly and invaded about 35 million hectares of land throughout the country. *Parthenium* is a poisonous, pernicious problematic, allergic and aggressive weed posing a serious threat to human beings and livestock. This weed is notorious to cause many diseases like skin allergy, hay fever, breathing problems in human beings and animals besides reducing agricultural productivity loss of biodiversity.

In view of the seriousness and magnitude of the threat posed by this weed, observed 'Parthenium Awareness Week' during 16-22 August, 2024 to make students, aware about the menace of *Parthenium*, which is responsible for causing health problems in human beings and animals, besides deteriorating environment, loss of productivity and biodiversity.

About Parthenium Plant

scientific classification	
Kingdom	: Plantae
clade 1	: Tracheophytes
clade 2	: Angiosperms
clade 3	: Eudicots
clade 4	: Asteroids
order	: Asterales
family	: Asteraceae
sub family	: Asteroideae
Tribe	: Heliantheae
Sub-tribe	: Ambrosiinae
Genus	: Parthenium
Species	: parthenium hysterophorus

Advantages

Recently many innovative uses of this hitherto noxious plant have been discovered. Parthenium hysterophorus confers many health benefits.

- Vandy feet skin inflammation.
- Rheumatic pain
- Diarrhoea
- urinary tract infections



Parthenium Venation: (Bos)

→ It is congress Grass (Parthenium) plant is "dial".

→ Parthenium flowers that are a fat growing, animal herb that produces white flowers.

Parthenium bud

with five stems

→ single plant can produce up to 100,000 seeds.

Parthenium flower:

Parthenium is an invasive weed which has multiple negative impacts on human and animal health as well as crop fields and biodiversity.

→ small, white, 4mm across, with five distinct lobes, and grows on the stem tips.



→ Parthenium grows during the Parthenium flower spring and summer months, between April & November.

→ It grows rapidly to a height of around 15 meters and spreads its seeds far and wide.

