



## **National Service Scheme**

**Polytechnic in Agricultural Engineering,  
Anand Agricultural University,  
Muvaliya Farm, Dahod-389151,  
Gujarat, India**

**Parthenium Awareness Programme on 04<sup>th</sup> October, 2021 at PAE, AAU DAHOD**



## **Parthenium Hysterophorus**

Parthenium is a noxious and number one dangerous terrestrial weed because of its harmful effects both to humans and to biodiversity. It is an aggressive colonizer of wasteland, road sides, railway sides, water courses, cultivated fields, and overgrazed pastures. Parthenium plant contains chemicals, like parthenin, hysterin, hymenin, and ambrosin, and due to the presence of these chemicals, the weed exerts strong allelopathic effects on different crops. Parthenium weed is toxic to animals causing dermatitis with pronounced skin lesions on various animals including horses and cattles. If eaten, it is responsible for mouth ulcers with excessive salivation. The pollen grains, airborne dried plant parts, and roots of parthenium cause various allergies like contact dermatitis, hay fever, asthma, and bronchitis in human beings.

In view of the above, an awareness programme was conducted at Polytechnic in Agricultural Engineering, Anand Agricultural University, Muvaliya Farm, Dahod on 4<sup>th</sup> October, 2021 by the NSS Unit. The programme was headed by the Dr. M.M.Trivedi, Principal, Prof. Sachin S.Chinchorkar, NSS Programme Officer, Dr. B. K.Yaduvanshi, Dr. F.G.Sayyad, Er.Mahdev Khardiwar and Er.J.B.Bhimani. Our Principal Dr.M.M.Trivedi explained the nature of the weed, its effects on crop production, human and cattle health. Around nearby 40 NSS volunteer's, staff members were participated in this programme. The students were impressed that the weed should be eradicated and all the efforts should be devoted for the eradication. Whole programme was framed and circulated by Prof. Sachin S.Chinchorkar, NSS Programme Officer under the guidance of Dr. M.M.Trivedi, Principal, PAE, AAU, Dahod

