

School of Studies in Environmental Science

Pt. Ravishankar Shukla University, Raipur

Regarding providing the report of the programs organized in the month of November 2022 under 'Azadi Ka Amrit Mahotsav'

Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of progressive India and the glorious history of its people, culture and achievements. This Mahotsav is dedicated to the people of India who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and potential to enable Prime Minister Modi's vision of activating India 2.0, felled by the spirit of Atmanirbhar Bharat.

On the occasion of 75 years of Independence Azadi ka Amrit Mahotsav the following competition were organized and celebrated *World Tsunami Awareness Day 2022* on 19th November 2022, and the theme identified for the iconic celebration was "*Early Warning and Early Action Before Every Tsunami*" with a view to gather momentum, scale, visibility and outreach where all the students of M.Sc Environmental Science participated in the following competition. The prizes are awarded to winners. All the faculty members were coordinators for these events under the guidance of Professor Manas Kanti Deb.

The events organized are as follows:

S.No	Programme
1	Essay Writing Competition under the title " <i>Environmental, Economic and Social Impacts of Tsunami</i> "
2	Tree plantation (Benefits of medicinal plants)
3	Constitutional Day: Speech competition and Quiz competition

ESSAY WRITING COMPETITION

To commemorate the monumental occasion poster competition were organized in the school of studies in Environmental Science department and students from the M.Sc Ist Semester and IIIrd Semester participated in the competition under the theme "*Environmental, Economic and Social Impacts of Tsunami*"

Ist **Winner:** Roshni Bajaj from M.Sc IIIrd Semester



TREE PLANTATION

To commemorate the monumental occasion speech competition were organized in the School of Studies in Environmental Science department and students from the M.Sc Ist Semester and IIIrd Semester participated in the tree plantation competition under the theme “ **Benefits of medicinal plants**”. The students have been divided into various group and planted individual plants such as (*Asparagus officinalis*, *Swertia perennis*, *Azadirachta indica*, *Murraya koenigii*, *Hibiscus rosa-sinensis*, *Clitoria ternatea* and *Kalanchoe Pinnata*) and discussed

regarding their medicinal benefits.





Scientific name: *Asparagus officinalis*

Benefits of Asparagus: Asparagus (*Asparagus officinalis*) is a plant widely grown as a vegetable. The spears are commonly eaten.

The root and seeds are used to make medicine.

Asparagus can increase urine production and is also a good source of dietary fiber, folic acid, vitamin C, vitamin E, vitamin B6, and several minerals.



Scientific name: *Swertia perennis*

Benefits of Chirayita: Chirata may be helpful in various problems related to the digestive system like gastritis, indigestion (upset stomach), gas accumulation in the stomach, bloating, heartburn and stomach pain.

It also contains laxative properties and is helpful in constipation. It is also effective in treating diarrhea.



Scientific name: *Azadirachta indica*

Benefits of Neem: Neem leaf is used for leprosy, eye disorders, bloody nose, intestinal worms, stomach upset, loss of appetite, skin ulcers, diseases of the heart and blood vessels (cardiovascular disease), fever, diabetes, gum disease (gingivitis), and liver problems.

The leaf is also used for birth control and to cause abortions.

Ulcers. Some research suggests that taking 30-60 mg of neem bark extract twice daily by mouth for 10 weeks helps heal stomach and intestinal ulcers.



Scientific name: *Murraya koenigii*

Benefits of Curry leaves: The medicinal utilities have been described especially for neem leaf. Neem leaf and its constituents have been demonstrated to exhibit immunomodulatory, anti-inflammatory, antihyperglycemic, antiulcer, antimalarial, antifungal, antibacterial, antiviral, antioxidant, antimutagenic and anticarcinogenic properties.



Scientific name: *Hibiscus rosa-sinensis*

Benefits of Hibiscus plant: Hibiscus preparations, including teas, powders, and extracts, have been shown to decrease blood pressure, reduce body fat, improve metabolic syndrome, protect the liver, and fight cancer cells.



Scientific name: *Clitoria ternatea*

Benefits of Butterfly pea: Butterfly Pea is jam-packed full of health promoting antioxidants, flavonoids

Rich in bioflavonoids, Butterfly Pea can promote hair growth and reduce greying of hair.

Butterfly Pea has been traditionally used as an aphrodisiac particularly for women and used to treat menstruation problems or white vaginal discharge (leucorrhoea).





Scientific name: Kalanchoe Pinnata

Benefits of Patharchatta: It effectively soothes any pain in joints or muscles.

The leaves of Patharchatta plant have astringent properties that help to calm down redness, swelling and irritation in the skin. Patharchatta also reduces acidity, heartburn and aids in digestion.

CONSTITUTION DAY CELEBRATION

To commemorate the monumental occasion speech and quiz competition were organized in the school of studies in Environmental Science department and all the faculties and students from the M.Sc Ist Semester and IIIrd Semester has participated in the quiz competition online which was organized by the Government of India, Ministry of Education on 26th November 2022.

SAMVIDHAN DIWAS PLEDGE





FACULTY E-CERTIFICATE

Quiz competition was organized by the Government of India, Ministry of Education on 26th November 2022, all the faculties and students has participated in the competition and received e-certificates from the ministry.



M.Sc 1st SEMESTERS



M.Sc IIIrd SEMESTERS

GOVERNMENT OF INDIA
MINISTRY OF
PARLIAMENTARY AFFAIRS

75
Azadi Ka
Amrit Mahotsav

CERTIFICATE
OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

Chandrasahu

for participating in the 'Online Quiz on the Constitution of India'

Dated : 26 November, 2022

Secretary
Ministry of Parliamentary Affairs
Government of India

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CERTIFICATE
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Damini

for participating in the 'Online Quiz on the Constitution of India'

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Gayatri Sinha

for participating in the 'Online Quiz on the Constitution of India'

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Nitin Kumar

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Bhanupriya Sahu

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Prachi Bhoi

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Roshni

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