REPORT ON SEED CAPSULE MAKING WORKSHOP

On the Occasion of **World Ecology Day**

Under the **Earn While You Learn** Initiative

A workshop on **Seed Capsule Making** was organized by the Department of Botany under the **Earn While You Learn Initiative** on the occasion of World Ecology Day on 2nd November 2026. The programme aimed to create awareness among students about environmental conservation, biodiversity protection and sustainable ecological practices.

The workshop was conducted by Dr. Shikha, Assistant Professor, Department of Botany in the presence of the worthy Principal, **Dr. S.K. Soni**, who actively participated in the seed capsule-making activity along with the students. The principal encouraged the students to adopt eco-friendly practices and appreciated their efforts towards environmental conservation.

During the workshop, students were introduced to the concept of seed capsules (seed balls), their preparation and their significance in promoting natural vegetation and increasing green cover. Students enthusiastically prepared seed capsules using seeds, soil, compost and clay. The activity provided them with practical knowledge and hands-on experience in an innovative method of seed conservation and ecological restoration.

As part of the World Ecology Day celebrations, several interactive activities were also organized, including an **Ecology Treasure Hunt, Ecology Pledge, Nature Walk along with cleanliness drive**. The principal distributed treasure hunt envelopes containing ecology-related clues among the participating students, encouraging them to explore the college campus and

identify various elements of the environment. The activities generated enthusiasm and promoted teamwork, observation skills and environmental awareness.

Objectives of the Activity

1. To create awareness about environmental conservation and biodiversity.
2. To promote seed conservation and natural vegetation.
3. To provide hands-on training in seed capsule making.
4. To encourage active participation in ecological activities.

Highlights of the Activity

1. **Ecology Pledge:** The worthy Principal, faculty members and students took an ecology pledge to protect nature, conserve biodiversity and adopt sustainable environmental practices. Moreover, it also encouraged students to take responsibility for protecting the environment and contributing towards a greener campus.
2. **Seed Capsule Making:** Students of different departments are involved seed capsules making workshop using native flowering/ tree species seeds, soil, compost and clay to promote natural germination and vegetation. The worthy Principal, **Dr. S.K. Soni**, actively participated in seed capsule making along with the students and encouraged their involvement in environmental conservation.
3. **Ecology Treasure Hunt:** Treasure hunt envelopes containing ecology-based clues were distributed by the principal among students to make environmental learning interactive and enjoyable.

4. **Nature Walk:** Students participated in a nature walk to observe local flora, explore biodiversity and understand ecological interactions to promote practical exposure

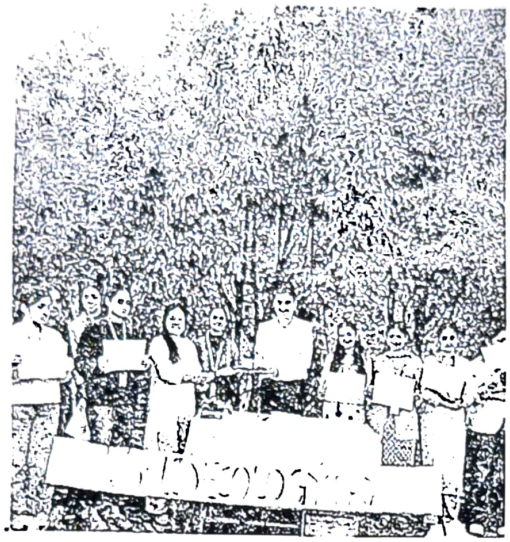
5. **Cleanliness Drive:** Following the Nature Walk, students actively participated in a Cleanliness Drive within the college campus. They collected litter and waste materials from the surrounding areas and helped maintain a clean and healthy environment. The activity highlighted the importance of individual responsibility, waste management and community participation in environmental protection.

Conclusion

The Seed Capsule Making Workshop and associated World Ecology Day activities were successfully conducted under the Earn While You Learn Initiative. The active participation and encouragement of the Principal GC Nagrota Bagwan along with faculty members added significance to the programme. The combination of seed capsule making, Ecology Treasure Hunt, Ecology Pledge, Nature Walk and Cleanliness Drive made the event informative, interactive and engaging. The programme successfully integrated environmental education with experiential learning and motivated students to become responsible contributors towards ecological sustainability.

Photographic Documentation:

1. Students took the pledge holding ecology posters and slogans and presented a plant to the worthy principal



2. Principal and students participating in seed capsule making.

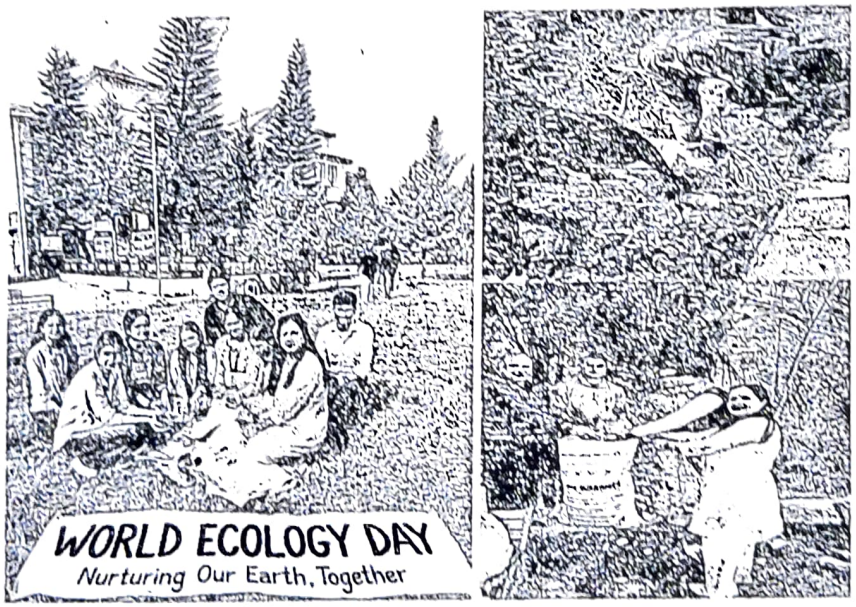




3. Distribution of Ecology Treasure Hunt envelopes by the Principal Sir.



4. Students participating in the Seed Capsule Making Workshop and also in cleanliness drive.



Newspaper Coverage

The successful organization of the seed capsule making workshop on world ecology day was covered and published in the newspaper, highlighting the efforts of the college and students under the Earn While You Learn Scheme.

Newspaper clipping is attached below with this report for record and documentation.



न्यूज बीक

नगरोटा कॉलेज में विद्यार्थियों ने बीज कैप्सूल बनाए, पर्यावरण बचाने का संदेश

नगरोटा बगवां। राजकीय महाविद्यालय नगरोटा बगवां में विश्व पारिस्थितिकी दिवस पर 'अर्न व्हाइल यू लर्न' योजना के तहत जागरूकता एवं रचनात्मक गतिविधियां आयोजित की गईं। प्राचार्य डॉ. सुरेंद्र सोनी के मार्गदर्शन में हुए कार्यक्रम का समन्वय वनस्पति विज्ञान विभाग की सहायक आचार्य डॉ. शिखा ने किया। विद्यार्थियों ने स्थानीय एवं देशज पौधों के बीजों से बीज कैप्सूल तैयार किए। इसके अलावा जैव विविधता खजाना खोज प्रतियोगिता में पौधों, जीव-जंतुओं और पारिस्थितिकी से जुड़े सवाल हल किए। नारा लेखन प्रतियोगिता में पर्यावरण संरक्षण, प्राकृतिक संसाधनों के उचित उपयोग और सतत विकास पर आकर्षक नारे प्रस्तुत किए। गतिविधियों के माध्यम से विद्यार्थियों को पर्यावरण संरक्षण का व्यावहारिक ज्ञान मिला। उन्हें दैनिक जीवन में पर्यावरण हितैषी आदतें अपनाने और जैव विविधता बचाने का संदेश दिया गया।



नगरोटा बगवां में बीज कैप्सूल कार्यशाला आयोजित

नगरोटा बगवां: नगरोटा बगवां राजकीय महाविद्यालय में आयोजित प्रतियोगिता में भाग लेते प्रतिभागी छात्र। (दुसेजा)

नगरोटा बगवां, 3 नवम्बर (दुसेजा): राजकीय महाविद्यालय नगरोटा बगवां में विश्व पारिस्थितिकी दिवस पर 'अर्न व्हाइल यू लर्न' योजना के तहत बीज कैप्सूल निर्माण कार्यशाला, जैव विविधता खजाना खोज और नारा लेखन प्रतियोगिता आयोजित की गई। विद्यार्थियों ने देशज पौधों के बीजों से कैप्सूल तैयार किए और पर्यावरण संरक्षण के प्रति जागरूकता का संदेश दिया। प्राचार्य डॉ. सुरेंद्र सोनी के मार्गदर्शन में आयोजित कार्यक्रम का समन्वय वनस्पति विज्ञान विभाग की सहायक आचार्य डॉ. शिखा ने किया।

Submitted By	Verified/Recommended By	Approved By
Coordinator Earn While You Learn Scheme Department of Botany Name: Shikha Signature: Date: 18/11/2026	Nodal officer and member of Earn While You Learn Scheme Name: Radhika Sharma (Nodal officer) Signature: Date: 20.11.26. Name: Dr. Sonika Signature: Date: 20/11/2026	Principal GC Nagrota Bagwan Name: Dr. S.K Soni Signature with Seal: Date: 18/11/2026