



SANTOSH
Deemed to be University



SDG 15
LIFE ON LAND

Santosh University: Commitment to SDG 15 - Life on Land

Santosh University is dedicated to advancing the United Nations Sustainable Development Goal 15 which aims to protect, restore and promote sustainable use of terrestrial ecosystems. This commitment is manifested through research, education, community engagement and policy advocacy to foster biodiversity and ensure the sustainable management of natural resources.

Santosh University actively conducts interdisciplinary research focusing on Biodiversity Conservation with initiatives to map and monitor local ecosystems including flora and fauna, to foster preservation efforts.

The University also integrates SDG 15 into its academic programs by conducting courses in Environmental Science Offering specialized courses and modules that focus on biodiversity and sustainable land management. Workshops and Seminars: Regular events to raise awareness about conservation efforts, habitat restoration and the implications of land degradation. Santosh University's approach ensures that students are well-versed in the challenges and solutions related to life on land.

Community Engagement by partnering with local communities and governments through participation with local communities to conserve wildlife habitat and manage natural resources effectively. Awareness Campaigns for educating locals on the importance of biodiversity through workshops, campaigns and school outreach programs. These efforts foster a collaborative approach to protecting and sustaining terrestrial ecosystems.

Sustainability Initiatives on Campus are done by Campus Greening Projects through initiatives to plant native vegetation and create green spaces on campus. Resource management by implementing waste reduction and recycling programs and promoting the use of renewable energy sources. These initiatives serve as a living laboratory for students, teaching them about sustainable practices firsthand.

Santosh University's commitment to SDG 15 is evident in its comprehensive approach, spanning research, education, community collaboration, policy impact and campus sustainability. Through these efforts the university not only contributes to conserving terrestrial ecosystems but also inspires future generations to prioritize and protect life on land. By intertwining academic pursuits with actionable strategies, Santosh University plays a vital role in nurturing a sustainable planet.



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SDG 15.1
RESEARCH ON LAND
ECOSYSTEM



Santosh (Deemed to be) University

No.1, Santosh Nagar, Ghaziabad, UP, India 60172682

499

Documents

340

Authors

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Structure

Collaborators

New

Sustainable Development Goals 2023

New: See at one glance Sustainable Development Goals mapped to this organisation

Sustainable Development Goals (SDGs) are specific research areas that are helping to solve real-world problems. Elsevier data science teams have built extensive keyword queries, supplemented with machine learning, to map documents to SDGs with very high precision. Times Higher Education (THE) is using Elsevier SDG data mapping as part of its Impact Rankings. [More about SDGs](#) ↗

[Back](#)

2 documents for *Life on land*

Review

Exploring Cutting-Edge Approaches in Anaerobic Digestion and Anaerobic Digestate Management

Mariappan, I., Prabhakaran, R., Vivekanand, V., ...Regurajan, R., Subramanian, V.

ChemBioEng Reviews, 2024

Article • [Open access](#)

Elucidation of the CadA Protein 3D Structure and Affinity for Metals

Prabhakaran, R., Thamarai, R.

Bioinformatics and Biology Insights, 2024

Display 10 results 

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SDG 15.2

SUPPORTING LAND ECOSYSTEM THROUGH EDUCATION

B.Sc Clinical Nutrition and Dietetics

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Eligibility Criteria

- Passed 10+2 with Physics, Chemistry, Botany & Zoology/ Biology including English
- An equivalent qualification from a Recognized Board.

Course Outline

First Semester:

- Food Science-I
- Food Sanitation & Hygiene/Food Safety & Quality Control
- English Communication Skills [Compulsory]
- Basic Computer

Second Semester:

- Food Science- II
- Food Processing and Technology /Food Additives and Adulterants
- **Environmental Education [Compulsory]**
- Yoga & stress management

Third Semester:

- Basic Nutrition



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SDG 15.2.3

**MAINTAIN AND EXTEND
CURRENT ECOSYSTEMS
BIODIVERSITY**



SANTOSH

Deemed To Be University

(Established u/s 3 of the UGC Act, 1956)

F.No. SU/R/2022/184

Dated 29.01.2022

NOTICE

All teaching, non-teaching staff and students of Santosh Deemed to be University are informed that a new green belt area has been earmarked **adjacent to the Dental College building and on the northern side of the Medical College building**. Other areas are landscaped along with seating arrangements.

All above are requested to adhere and maintain the green campus initiative of the University.


(DR. V.P. GUPTA)
REGISTRAR

Distribution: All teaching, non-teaching staff and students

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6. Dean-Academics
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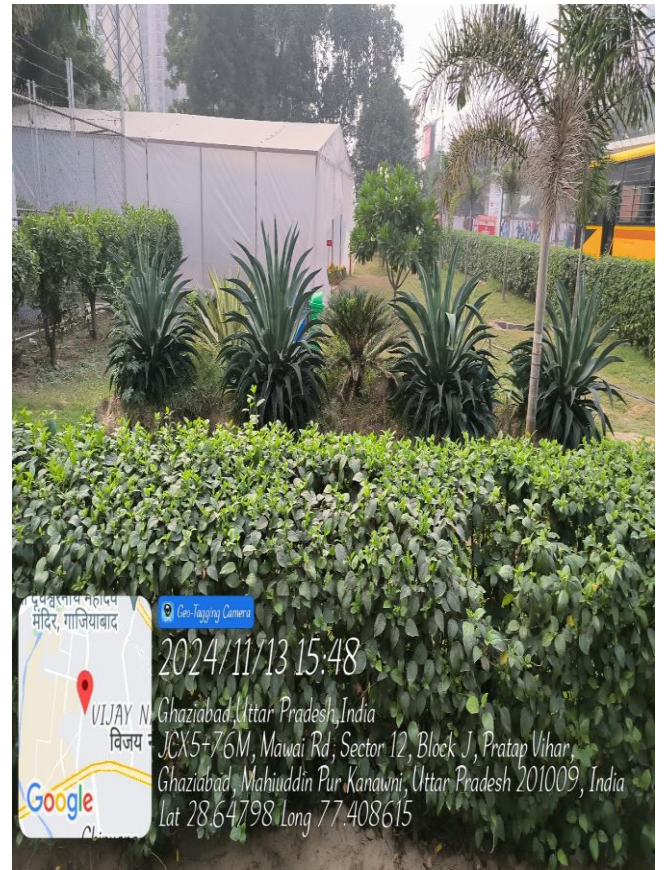
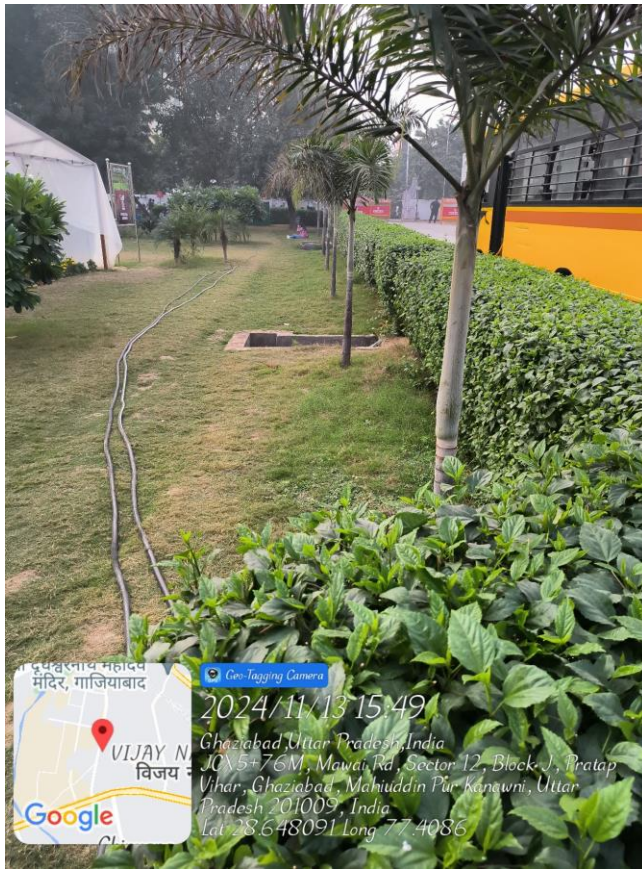
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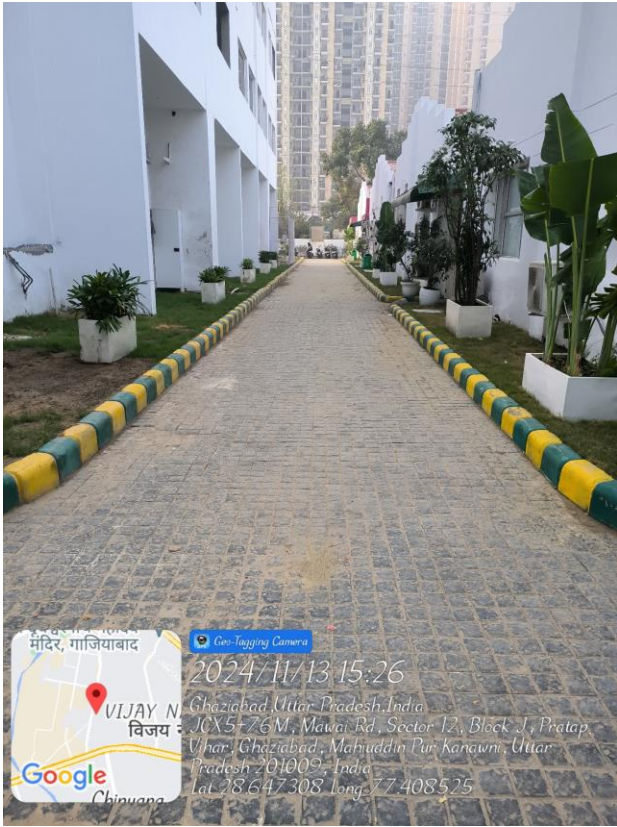
vicechancellor@santosh.ac.in
registrar@santosh.ac.in

www.santosh.ac.in

LANDSCAPING WITH PLANT AND TREES









DEPARTMENT OF PERIODONTICS AND ORAL IMPLANTOLOGY

Date & Year – 4th October 2023

Event – Plantation Drive

Report-

The faculty from the Department of Periodontology and Oral Implantology, Dr Aruna Nautiyal (senior lecturer) actively participated in a tree plantation drive held by the students wing of Bioethics on 4th October 2023 as a part of green initiative.



Plantation Drive

Signature

Head Of Department



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Report of Family Adoption Programme

Students of first year M.B.B.S. (batch 2022) were taken to visit to **Composite Vidyalaya, Duhai Village, Ghaziabad** for **Family Adoption Programme** on 19 July 2023, as per NMC guidelines. The students were divided in 3 groups and taken in 3 different buses. Each group was accompanied by faculty, Post Graduate students, interns and Health workers. A **plantation drive** was carried out in this visit as an initiative for environment protection and awareness. Among every group of 3 students, 1 student had one plantling. Around 30 shrubs and trees in total were planted in the campus which included Mango, Neem, Blackberry, Phycus, Peepal etc. The Principal and all other school staff appreciated the efforts of the students. Attendance was taken in the buses before leaving and after coming back to the college.

Faculty- Dr. Anupama Singh

Post Graduate students- Dr. Abhishek, Dr. Priyanka Verma, Dr. Amit Jaiswal, Dr. Kalanidhi

Health workers- Mr. Rajesh, Mr. Naresh





Signature of HOD with Stamp



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PLANTATION DRIVE 2024

DEPARTMENT OF PROSTHODONTICS AND CROWN AND BRIDGE

Report on Plantation Drive

Date: 23-01-2024

Introduction: In line with the growing global awareness of environmental conservation and the need for sustainable practices, Department of prosthodontics organized a Plantation Drive. The aim of this initiative was to contribute to the green cover, promote environmental consciousness among the students and staff, and create a healthier and more sustainable campus environment.

Objectives:

To increase the green cover on the campus.

To create awareness among students and faculty about the importance of trees for a healthy environment.

To instill a sense of responsibility towards environmental conservation among the college community.

Preparation and Planning: The Plantation Drive was meticulously planned by a dedicated organizing committee comprising faculty members, students, and support staff. The committee identified suitable areas on the campus for tree plantation and collaborated with local environmental organizations to source saplings. A variety of native tree species were selected, considering the local climate and soil conditions to ensure their successful growth.

Execution: On the designated day, students, faculty, and staff gathered at the specified locations with enthusiasm and a commitment to making a positive impact on the environment. The event commenced with a brief inauguration ceremony, where the invited guest DR. Sanketh K. Reddy.

Participants were then provided with the necessary tools and instructions for planting saplings. The hands-on involvement of everyone created a sense of unity and responsibility towards the shared goal of enhancing the greenery on the campus.

Post-Plantation Activities: To ensure the long-term success of the Plantation Drive, the college initiated a tree adoption program. Students and faculty members were encouraged to adopt specific trees and take responsibility for their care.

Conclusion: The Plantation Drive was a resounding success, not only in terms of the number of trees planted but also in fostering a sense of environmental responsibility among the college community. The initiative served as a stepping stone for future sustainability projects, reinforcing the college's commitment to creating a greener and healthier campus environment.

Recommendations:

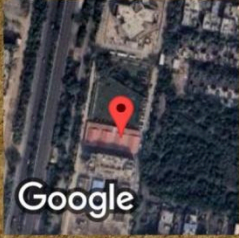
Regular monitoring and maintenance of the planted saplings.

Integration of environmental education into the curriculum.

Collaboration with local environmental organizations for ongoing support and guidance.







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DEPARTMENT OF PHYSIOLOGY ACTIVITY ON WORLD ENVIRONMENT DAY

Title: Promoting Sustainability: World Environment Day Initiatives at MBBS Batch 2023-24

Date: 05-06-2024, Time: 03:00 to 04:00 PM

On World Environment Day, the MBBS Batch of 2023-24, led by Dr. Manisha Gupta and supported by physiology faculties, took a proactive stance in fostering environmental consciousness. Dr. Gupta's speech emphasized the urgent need for collective action to combat climate change and preserve our planet for future generations.

In her address, Dr. Gupta highlighted the interconnectedness between human health and the environment. She stressed the detrimental impacts of environmental degradation on public health, citing examples such as air pollution exacerbating respiratory illnesses and deforestation leading to loss of biodiversity, which can disrupt ecosystems and trigger disease outbreaks.

She underscored the role of healthcare professionals in advocating for sustainable practices and integrating environmental education into medical curricula. By fostering a deeper understanding of environmental health, future physicians can become agents of change in promoting sustainable healthcare practices and mitigating environmental risks.

Following Dr. Gupta's compelling speech, the MBBS Batch of 2023-24, alongside physiology faculties, initiated a tree plantation drive on the campus premises. The act of planting trees symbolized their commitment to environmental stewardship and served as a tangible step towards mitigating climate change.

The plantation drive was not merely a one-time event but marked the beginning of a sustained effort to incorporate eco-friendly practices into the medical institution's culture. The MBBS batch pledged to implement measures to reduce waste, conserve resources, and minimize their carbon footprint.

Furthermore, the physiology faculties pledged to integrate environmental topics into their teaching curriculum, ensuring that future medical professionals graduate with a holistic understanding of the interplay between human health and the environment.

In conclusion, the World Environment Day initiatives led by Dr. Manisha Gupta and embraced by the MBBS Batch of 2023-24 and physiology faculties exemplify the power of collective action in addressing global environmental challenges. By fostering a culture of environmental consciousness within the medical community, they are not only safeguarding the health of current and future generations but also contributing to the sustainability of our planet.





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Camp Report

Awareness session on water conservation

VENUE : Purva Madhyamik Vidyalaya, Sultanpur, Muradnagar, District
Ghaziabad

DATE : 28-01-2020

Students Participated : 46

No of teachers : 7

ORGANIZED : Department of community Medicine, Santosh Medical
collage

PATIENTS SCREENED :

REPORT

- A special drive was conducted by 1 MBBS students, PGs & Interns posted in the department of Community Medicine, to create awareness on water conservation & eliminating use of Plastic among the residents & School students of the selected villages.
- A rally was carried out within the villages by Medical students, Interns, PGs Faculty - IEC materials prepared by Students during the preparatory phase slogans
- regarding importance of water conservation & Plastic elimination were used. Residents & school children were made aware of the various ways which they can adopt in their day to day life to reduce environmental pollution & to save water. To achieve the same nukkad natak was enacted by students, emphasising that it is every citizen's responsibility also.
- Group-song and dance performance was also conducted to engage students in a fun way & at the same time reinforce the topic at hand.

Signature of HOD

PROGRAMME ON CONSERVING WATER @ SCHOOL (SULTANPUR)



RALLY ON CONSERVATION OF WATER (SULTANPUR)



PROGRAMME ON ELIMINATING PLASTIC USAGE @ SCHOOL (MILK CHAKARPUR)



PROGRAMME ON ELIMINATING PLASTIC USAGE @ SCHOOL (MILK CHAKARPUR)



STUDENT INTERACTION @ SCHOOL (MILK CHAKARPUR)



RALLY ON ELIMINATING PLASTIC USAGE @ MILK CHAKARPUR VILLAGE



INTERNS EDUCATING RESIDENTS ON ELIMINATING PLASTIC USAGE @ MILK CHAKARPUR VILLAGE

