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### Faculty Achievement

**Ms. Amisha Shiroadker Pednekar** successfully completed Fifteen Days Online Refresher Course on "New Age Teaching Methods & Skills in Higher Education" organized by Guru Angad Dev Teaching Learning Centre, a Centre under PMMMNMTT, Ministry of Education, Government of India in collaboration with Jagran Lake City University, Bhopal & Droit Penale Group, Prayagraj held from 17<sup>th</sup> August to 31<sup>st</sup> August 2022.

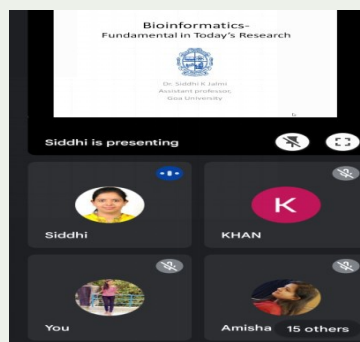
**Dr. Uma Masur** was invited to attend STREE 2020 (Science Technology Research and Entrepreneurship Enhancement), National Conference & Expo organized jointly by Jawaharlal Nehru University, New Delhi and SHAKTI during November 24<sup>th</sup> to 26<sup>th</sup>, 2022 (Rescheduled STREE 2020) on the role of Women in Science and Technology for Sustainable Development of Atmanirbhar Bharat. Dr. Uma Masur was a part of organizing committee and conducted Open Forum as moderator on Topic Women in S & T for research areas and career planning and was Jury for Oral session on Women in responsible production and consumption.



## Department Activity

### 1. ONLINE LECTURE ON 'BIOINFORMATICS – FUNDAMENTAL IN TODAY'S RESEARCH'

An online lecture was organized by Botany Department on 14th October 2022, in online mode. The resource person was Dr. Siddhi Jalmi Assistant Professor Department of Botany Goa University. This Lecture was delivered by Dr. Siddhi Jalmi, Assistant Professor Goa University On 14th October 2022, 10:00 am. A very informative and interesting lecture was delivered for the students. Various terms were discussed with emphasis as well as the role of Bioinformatics in the research work. The main objective of this lecture was To enlighten the students about the importance of Bioinformatics. To educate the students about the use of the Bioinformatics during further studies.



### 2. RANGOLI COMPETITION

To showcase the beauty of flowers and leaves through creativity & celebrate Diwali in an eco-friendly fashion, "Club Botanica" organised a 'Floral Rangoli Competition' on October 20, 2022 from 1 pm - 3 pm for the students of all departments. The main organisers of this event were the students of SY B.Sc. Botany guided by Mrs. Amisha Shirodker, Asst. Professor, Department of Botany and assisted by Ms. Ansifa Simoes, Asst. Professor, Department of Botany. The theme was 'Let's make this Diwali a green Diwali' and this competition was full of creativity as the colourful rangolis initiated a festive ambience where art meets tradition. A total of 33 teams participated each having 2-3 members and were given 2 hours for completing their rangoli in a place covering four tiles in the quadrangle. The participants turned up with a lot of enthusiasm and creativity. The competition was judged by Ms. Shambhavi Naik, Asst. Professor, Department of Hindi and Ms. Glynnis Dias, Asst. Professor, Department of Konkani. All the participants as well as the visitors appreciated the event.

The winners of the competition were: -

**1st place:** Neha Chauhan (SY B.Sc. Chemistry), Prajakta Chandekar (SY B.Sc. Chemistry), Bhakti Borkar (SY B.Sc. Chemistry)

**2nd place:** Aaron Vales (SY B.Sc. Zoology), Jena Monteiro (SY B.Sc. Zoology), Andria Cardozo (SY B.Sc. Zoology)

**3rd place:** Mahek Shaikh (SY B.Sc. Chemistry), Disha Vaidya (SY B.Sc. Chemistry), Raj Nayak (FY B.Sc. Botany)





## Department Activity contd...

### 3. FIELD VISIT I

As a part of the syllabus prescribed in the paper 'Bioresource Management' a field trip to Sahakari spice farm was organised on October 29, 2022 from 10:30 am - 3 pm for the students of S.Y BSc. Of the botany departments. The trip was organised and guided by by the course teacher Miss Ansi-fa Simoes, Asst. Professor, Department of Botany A total of 8 students were taken for the visit where they learnt a lot about the different spices and condiments grown at the Spice farm and also were briefed about the processing practices employed for a few spices and condiments, among the others present in the farm.



### 4. FIELD VISIT II

The SYBSc students as a part of the course Herbal Cosmetology visited the Gomantak Ayurved Mahavidyalay & Research Centre Shiroda on 8th November 2022. The students were accompanied by Ms. Sonali Gaonkar.



### 5. STATE LEVEL TRAINING ON HERBAL SOAP MAKING

The Department of Botany was organized one day state level Hands on training on Herbal Soap Making on 10th November 2022, at 9:30 am. The guest was alumini of Parvatibai chowgule college of Arts and Science Ms. Asmeeta chari who gave the demonstration how to prepare soap by using different herbs.



### Poem by Joshvel Fernandes, SYBSc Botany

\*Looking at the wonders of life\*

The mushrooms, the fungi  
The bacteria are life too  
Life that are wise,  
Distinct, apparent and real

Secret language, unraveling life  
Small creatures, true lifeforms  
Beginnings and ends from the ancient times  
Unfolding many of it's types

Turning soil, pulling weeds  
Having fun, loving seeds  
Sunlit garden with a wirey fence  
Why not let them grow in the wild?

Medicinal flames  
In the tumbling blooms  
Let's find out more  
With our curiosity as the tool

Be prudent and sagacious  
Unfurling mysteries, do not overexploit  
The endless quest of hide & seek  
Worth a lot more than the trick

Youthful love, gentle vibes  
Care for the living and their home  
Vibrant charms, mimicking the real  
Marching through the everlasting times



### Lets laugh a bit



## SCIENCE NEWS

### A breakthrough AI can track real-time cell changes revealing a key mystery in biology

**Brittney Grimes**

Researchers have found a way to observe cell samples to study morphological changes — or the change in form and structure — of cells. This is significant because cells are the basic unit of life, the building blocks of living organisms, and researchers need to be able to observe what could influence the parameters of cells, such as size, shape, and density.

For details kindly visit- <https://interestingengineering.com/innovation/ai-can-track-real-time-cell-changes-revealing-mystery-biology>

### Teacher in-charge:

Dr. Uma Masur, Associate Professor Botany Department

The opinion and news appearing herein are those of the editor and contributors and not necessarily those of Principal or The Management.

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