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# ACADEMIC ACTIVITIES

## 2021-2022

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Department of Plant Biology and  
Plant Biotechnology

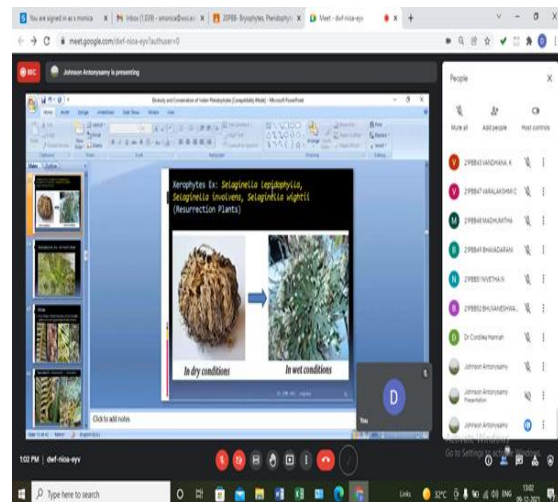
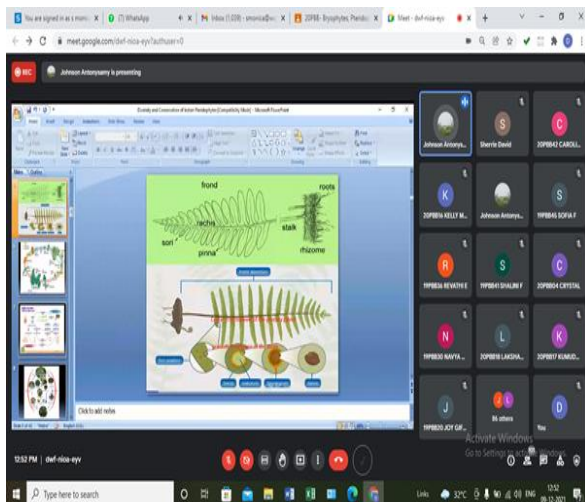


# Department of Plant Biology and Plant Biotechnology

## ACTIVITIES – 2021 – 2022

(Conferences, Seminars, Webinars, Workshops, Industrial Visits, Field Trips, Talks, Campaigns, etc.)

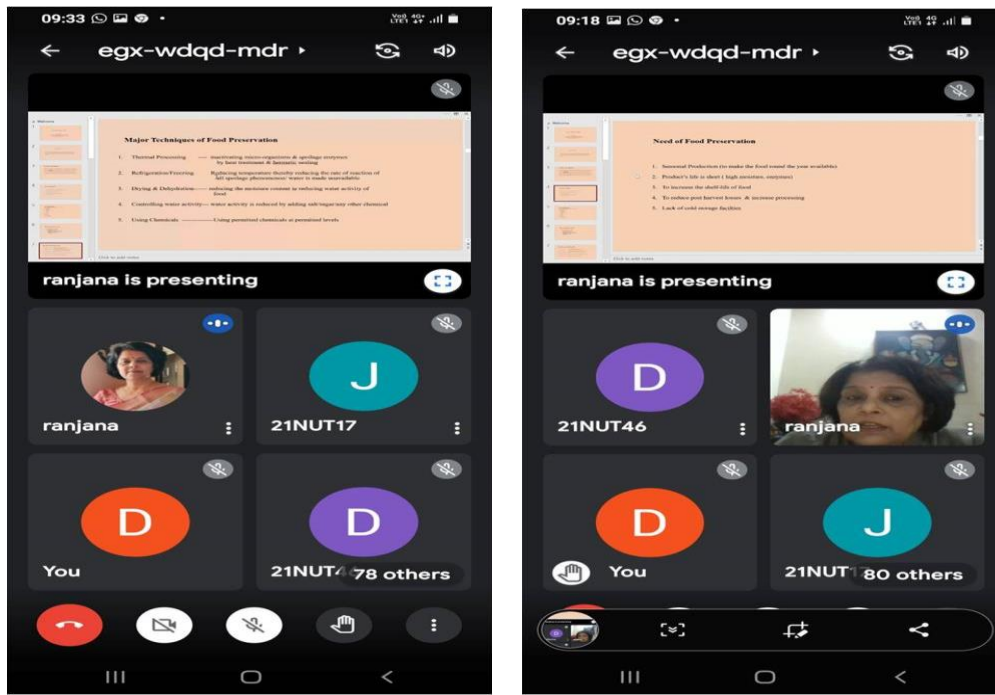
1. A webinar on ‘Diversity and Conservation of Indian Pteridophytes’ was conducted on 9<sup>th</sup> December 2021. Dr. M. Johnson, Assistant Professor, Director, Centre for Plant Biotechnology, Department of Botany, St. Xavier’s College, Palayamkottai was the resource person.



2. A guest lecture on ‘Global Organic Agriculture: Innovative Venture for Earning College Girls and Young Women’ was organized on 15<sup>th</sup> December 2021. Dr. Manoharan Krishna, Founder and Chairman of Naturaa Agrorganica, Vellore, Tamil Nadu, was the resource person. He briefed the students on the innovative ventures that could be employed in organic farming.



3. A webinar on 'Food Preservation Techniques' was organised by the department on 16<sup>th</sup> December 2021. Dr. Ranjana Singh, Associate Professor, Shaheed Rajguru College of Applied Sciences for Women, was the resource person and she updated the students on the essentials of Food preservation techniques and the applications.



4. A webinar on 'Identification of Macro-fungi and Mushroom Entrepreneurship' was organised by the department on 20<sup>th</sup> December 2021. The resource person Dr.V. Kumaresan, Assistant Professor of Botany, Kanchi Mamunivar Government Institute for Post Graduate Studies and Research, briefed the participants on the classification and the basics in identification of macro-fungi.

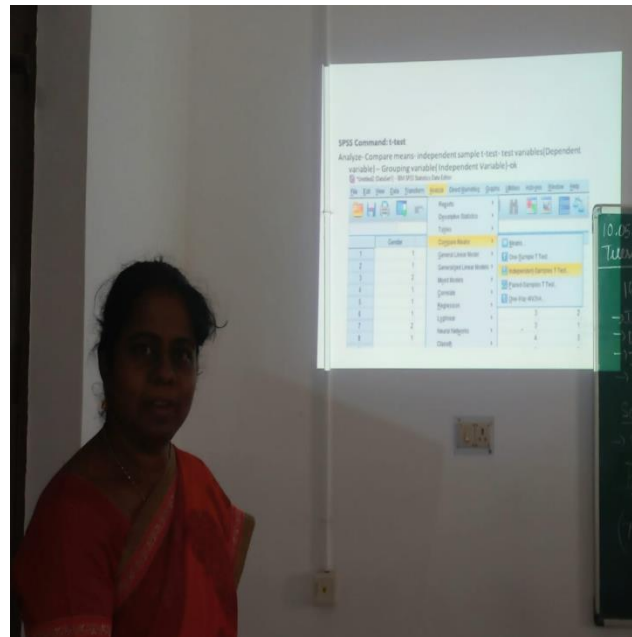
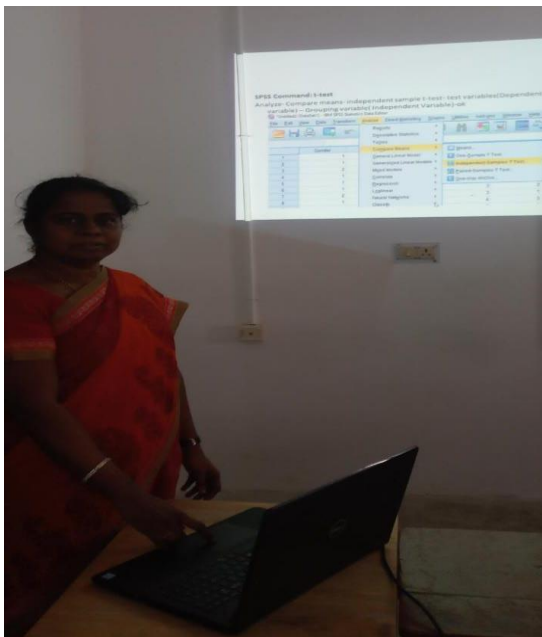


5. A workshop on 'Terrarium Making' was organised by the department on 07<sup>th</sup> April 2022. The resource person Mr. Jithin Samji Heric, Naturescaping Consultant, Chennai,

unleashed the creativity of students and trained them to build their mini garden inside a glass container.



6. A workshop on “SPSS” was organised by the department on 25<sup>th</sup> April 2022 to help students understand the different types of statistical analysis, probability and significance. Dr. Anita Priscilla, Department of Commerce, WCC, Chennai was the resource person.

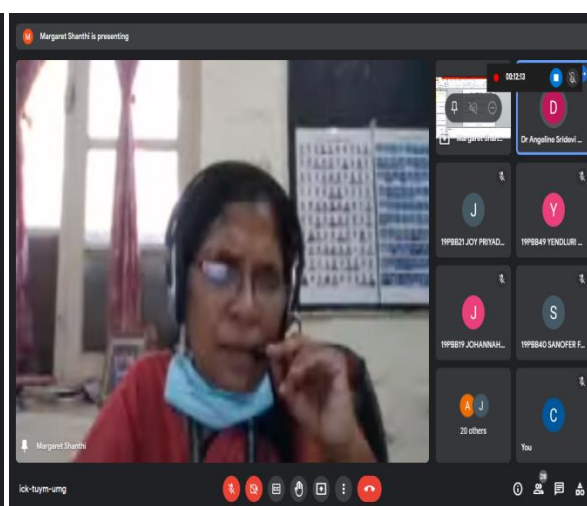
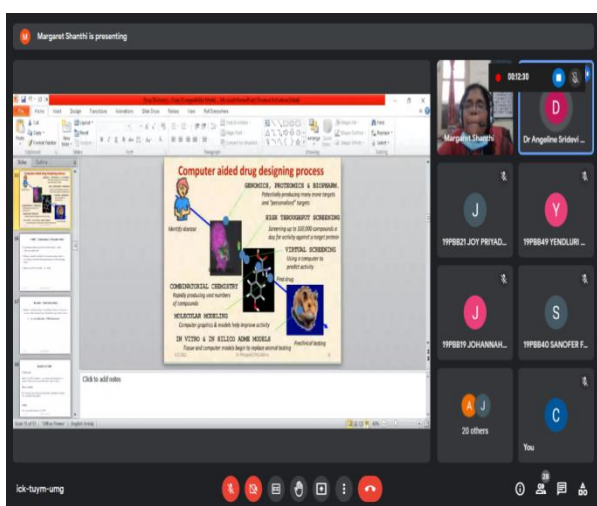


7. A guest lecture was organized by the department on ‘Bioentrepreneurship’ on 27<sup>th</sup> April 2022. Dr. D. Sudhakaran, General Manager at Golden Jubilee Biotech Park for Women, Siruseri was the guest speaker. He motivated the students to explore their skills on bioentrepreneurship.





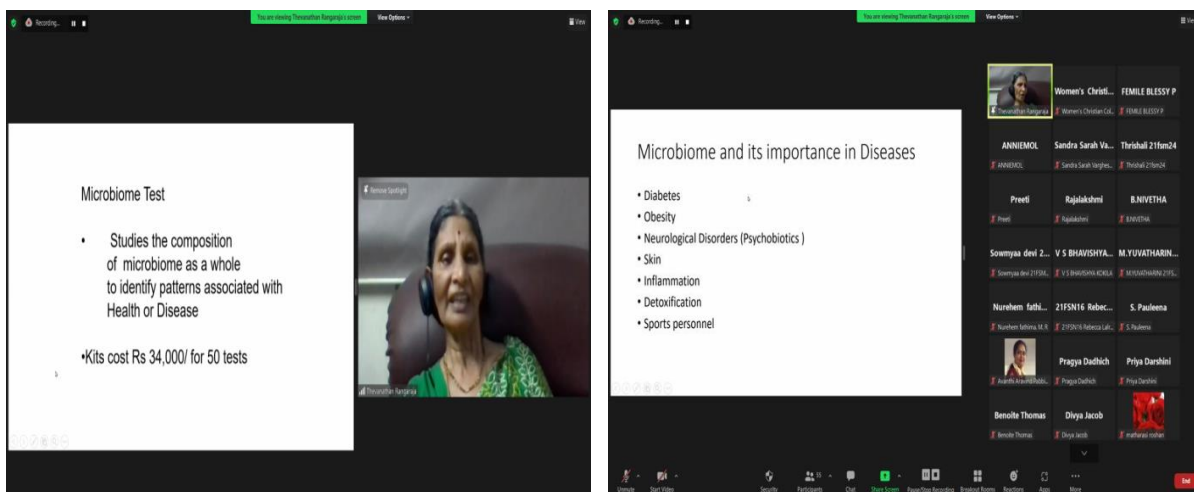
8. A webinar on ‘Drug Designing Approaches’ was organised by the department on 2<sup>nd</sup> May 2022. Dr. Margaret Shanti, Professor, Department of Pharmacology, CMC, Vellore was the resource person. She enabled the students to understand the steps involved in designing a new drug from herbal sources.



9. A guest lecture on ‘Climate Change and Distribution of Forests in Tamil Nadu and India’ was organised by the department on 10<sup>th</sup> May 2022. Dr. Archana Kalyani, I.F.S., Conservator of Forests cum Additional Director, Department of Environment & Climate Change, gave an insight on the Climate Smart Tamil Nadu initiative started by our TN Government, the consequences that people will be facing due to the climate change happening over 20 years from now and how it affects the planet on the whole.



**10.** A national webinar on ‘Influence of Fermented Foods on the Microbiome and Health’ was organised by the department on 6<sup>th</sup> May 2022. Dr. I.L.G. Bhavani, Retd. Associate Professor, Department of Plant Biology and Plant Biotechnology, WCC, Chennai, enabled students to understand the impact of a diet rich in fermented foods in enhancing the diversity of gut microbes and decreasing molecular signs of inflammation thereby promoting good health.



**11.** A lecture cum demonstration on ‘Synthesis of Nanoparticles’ was organised by the department on 10<sup>th</sup> May 2022. Dr G. Cynthia Jemima Swarnavalli, Head & Associate Professor, Department of Chemistry & Dean, Centre for Women’s Studies, WCC, Chennai, enabled students to gain an in-depth knowledge in various precautions to be followed while synthesising nanoparticles.



**12.** A webinar on ‘Herbal Health in Women’s Wealth’ was organized by the department on 17<sup>th</sup> May 2022. Dr. Koppala Narayana Sunil Kumar, Research Officer, Scientist – 2 and HOD – Department of Pharmacognosy, Siddha Central Research Institute, (Central Council for Research in Siddha Ministry of AYUSH, Govt. of India), Arumbakkam, Chennai, was the research person.

