

A decorative border of autumn leaves, primarily in shades of orange and yellow, frames the central text. The leaves are scattered around the edges of the page, with some overlapping the text area.

BOTANY NEWS LETTER 2021-2022

PROLOGUE

The Department of Botany was established in the year 2003 with a motto of Each One, Teach One, How to plant one. The Department is well equipped with infrastructure and facilities that fulfill the requirement of syllabi as per the guidelines of the University. At present there are 79 students and 4 faculty members & a Lab assistant in the Department. The Department has a family of enthusiastic students, committed Teachers and Independent thinkers, working and learning together to shape the future. All the activities of the Department are conducted through “*Bon Flora Association*”. The Department actively involves extension activities like Awareness programs on Waste management, Value added products’ production, Career oriented Programme and Income generation for farmers, students and SHGs (UBA adopted village) etc.,

INSTALLATION OF ASSOCIATION

The students council and office bearers installation of association for academic year 2021-2022 was held on 18.10.2021.



WORLD EARTH DAY

The Department of Botany organized “World EarthDay” on 21.04.2021. Dr. S. Senthil Kumar Assistant Professor of Botany & Geobiotechnology Laboratory, National College (Autonomous) Tiruchirappalli was the Resource person. He rendered a lecture on water conservation the future of water in India. Finally, 4510 students & 210 staff members took oath on water conservation.



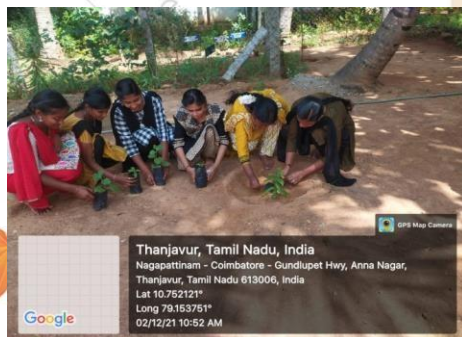
GUEST LECTURE

The Department of Botany organized a Guest Lecture on “Environmental Sustainability” on 14.07.2021. Dr. Bharathajothi Siddha Department Tamil University was the resource person. She delivered a talk on the importance of environmental consciousness. Nearly 79 students were benefitted through the programme.

POLLUTION CONSERVATION DAY

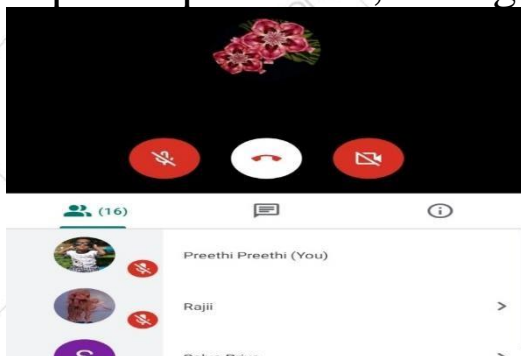
The department of Botany celebrated the “Pollution Conservation Day” on 14.07.2021. Dr. Natesan Payer Nadimuthu Assistant Professor, Department of Botany, Tagore Government Arts and Science College, Lawspet, Puducherry was the resource person. He motivates the students to prevent pollution which is a major global concern. He also explained about the hazards of air pollution. He also elaborated on

Certain lifestyle changes that protect from the harmful effects of pollution. Nearly 53 students were benefitted by the programme.



ADVANCES IN ZOOLOGY AND AQUATIC SCIENCES

Department of Botany has organized a life skills programme on Advances in zoology and aquatic sciences on 14.7.2021. Our resource person Dr.Sowmady, Assistant Professor of Zoology, Kumbakonam Womens college. He explained the integrated multi-trophic aquaculture, emergence of animal biology.



RESEARCH METHODOLOGY ON INSIGHTS OF LIFE SCIENCE STUDENTS

The Department of Botany has organized a Research methodology on Insights of Life science students through google meet on 22.08.2021 Our resource person Dr.N.Nadimuthu, Assistant Professor of Botany, Tagore Government Arts and Science College, Lawspet, Puducherry. He delivered a talk on innovative and distinctive responses to challenges in insights of life sciences.

RECENT RESEARCH TRENDS IN

The life sciences comprise fields of science involving the study of living organisms such as plants, animals and humans.

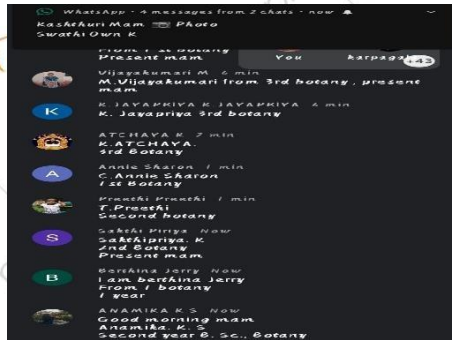
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BIOLOGICAL RESEARCH

Botany has organized a life skill programme on Recent trends in biological research on 15.09.2021. Our resource person Dr.S.Senthil kumar Assistant Professor of Botany & Geobiotechnology laboratory, National college (Autonomous) Tiruchirappalli. He delivered a detailed lecture on more opportunities to the researchers in the areas of chemical sciences and biological sciences.

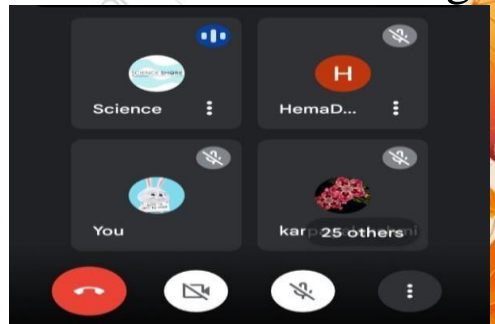
He also explained about a this forum for in-depth assessment of the challenges involved in the dynamic and fast moving field of drug research.



TECHNOLOGICAL ADVANCEMENTS IN MANAGEMENT OF ENVIRONMENTAL POLLUTANTS

Botany has organised a technical skill programme on “Technological Advancements in management of environmental pollutants” through google meet on 06.10.2021. Our resource person is Dr.A.Iyyanar Assistant Professor of Botany, Department of Botany & Microbiology, A.V.V.M Sri Pushpam college, Poondi

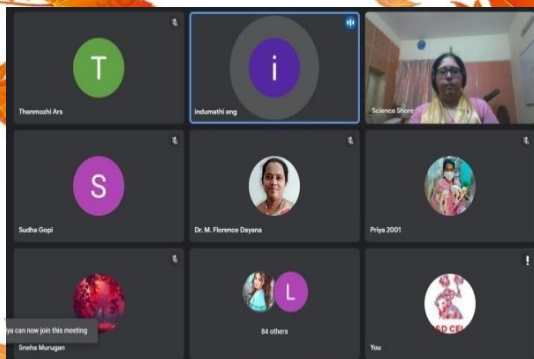
He explained about the contamination of the physical and biological components of the earth, principles and elements of environmental management strategies. He also gave elaborate lecture on prevention and resolution of environmental problems and improvement in quality of life, health and safety for both employees and the community. He gave valuable suggestions to maintain the existing resources.



INVITED LECTURE

The Department of Botany organized an invited lecture on “Women Scientists – An Inspiration” was organized on 09.10.2021.

Dr. Srikala Ganapathy, Founder and Editor, Science Shore E-Magazine, Chennai, was the Resource person & Principal presided the programme. She gave an elaborate lecture on importance of research and their applications. 150 students participated and were benefitted.



CAREER GUIDANCE PROGRAMME

The Department of Botany organized a Career oriented programme on “Emerging Trends in Plant Sciences” at Bon Secours College for Women on 26.11.2021. Dr. Senthil Kumar Assistant Professor of Botany & Geobiotechnology Laboratory, National College (Autonomous) Tiruchirappalli was the resource person. He gave an elaborate lecture on the scope of plant science and Future Endeavors of science and Technology for Sustainable growth of biodiversity. Nearly 78 students participated were benefitted through the programme.



AWARENESS FOR WOMEN RIGHTS

Department of Botany has organized a gender equity Programme on Awareness for women rights on 08.12.2021. Our resource person is Dr.K.Srikala Ganapathy, Editor & Founder, Science Shore, Chennai. She delivered talk on advantages to promoting women's economic empowerment and cooperation with the Private sector. A woman is a full circle. Within her is the power to create, nature and transform. Understanding a woman is a mystery and it needs lots of perseverance and knowledge.



CAREER ORIENTED PROGRAMME

Department of Botany organized a Career Oriented Programme on “Panchakavya and Fish tonic Preparation” on 26.11.2022 Dr.R.Senthil Kumar, Amman Bio care, Thirukanurpatti, Thanjavur was the resource person . He delivered a detailed lecture on entrepreneurship and career opportunities. 78 students participated were benefitted through the programme.

SEMINAR ON ADVANCE SUSTAINABLE AGRICULTURAL PRACTICES & RESEARCH PROSPECTS

The Department of Botany has organized a Seminar on Advance sustainable Agricultural Practices & Research prospects through google meet on 21.12.2021 Our resource person is Dr.M.Jegadeesan M.Sc., Ph.D.,Visiting Professor, Department of Environment and Herbal Science, Faculty of Science Tamil University. He explained about many practices commonly used by people to promote sustainable agriculture and sustainable food system, soil health and value based foods.



RESEARCH METHODOLOGY ON WOMEN SCIENTISTS – TESTIMONY FOR RESEARCH

Department of Botany has organized a Research methodology on Women Scientists – Testimony for Research through google meet on 24.01.2022. Our resource person Dr.K.Srikala Ganapathy, Editor & Founder Science shore, Chennai. She gave an elaborate lecture on inspiration of women scientists in various fields.



REPUBLIC DAY CELEBRATION

The Department of Botany organized Republic Day Celebration through the online mode on the Importance of Youth and Gender equality on 26.01.2022. Dr.S.Mukilan, Assistant Professor, Department of English, M.R. Government Arts College Mannargudi, was the resource person. He explained the importance of female education and the gender discrimination. Nearly 79 students participated and were benefitted through this programme.



INTERNATIONAL WETLANDS ACTION FOR PEOPLE AND NATURE

The department of Botany celebrated the “International Wetland Day” on 02.02.2022. Dr.A.Karpagalakshmi Assistant Professor, Department of Botany, Thanjavur was the resource person. She delivered a talk on the Conservation of Natural Resources and Create awareness on Wetlands as a vital link to Humanity. 37 students were benefitted by the programme.



APPLICATIONS AND OPPORTUNITIES IN BIOSCIENCES-2022

The department of Botany has organised a technical skill programme on Applications and opportunities in Biosciences-2022 on 04.02.2022. Our resource person Dr.N.Nadimuthu, Assistant Professor of Botany, Tagore Government Arts and Science college, Laws pet, Puducherry. He delivered a talk on research and teaching careers availability, healthcare careers, career advising & exploration.



SCIENCE DAY- PROGRAMME

All the science departments celebrated the National science day on 28.02.2022. To promote green revolution and to mark the Science day, plant sapling were planted in the campus and competitions were conducted for the students. Dr.P.Sangeetha, Assistant professor of Chemistry, Raja Serfoji Govt. College (Autonomous) was the resource person. Nearly 150 students displayed their models and scientific inventions in the science exhibition.

500 Students from neighboring institutions visited the college science exhibition and shared their feedback

The programme was organized to create awareness on the nature conservation and various competitions were conducted for the students.



ENTREPRENEURSHIP ON AGRO FOODS PRODUCTION

The Department of Botany has organized a Entrepreneurship on Agro foods production on 03.03.2022. Our resource person Ms.P.Arul suresh, Division Inspector, sericulture unit, Villar, Thanjavur. He delivered a talk on recent trends and important challenges in agro food production. Nearly 78 students participated and were benefitted through the programme.

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PROBLEMS IN ISM

» Lack of proper Botanical identity:

Many of the medicinal plants mentioned in ISM have many vernacular names. A single herb has many local names eg. Avuri/Neeli; Maruthomri/ivanam; Saranam; Aagasa karudan/Agaya karudan/Kollan kova; Chithiramoolam/Veliparuthi; Karthikai kizhangu/Kamuvalli kizhangu; Kalapai kizhangu; Nilavennu/Periyannagai etc.

Many medicinal plants have single name eg. Asokam (Saraca asoca & Polyalthia longifolia); Brahmi (Centella asiatica & Bacopa monnieri); Punarnava (Boerhaavia diffusa & Trianthema decandra).

Some herbs mentioned in ISM have not been botanically identified.



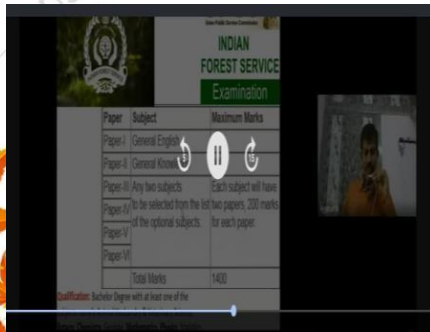
ENTREPRENEURSHIP PROGRAMME ON HERBAL MEDICINE PREPARATION

The Department of Botany has organized a Entrepreneurship Programme on herbal medicine preparation through google meet on 11.03.2022. Our resource person is Dr.M.Jegadeesan M.Sc., Ph.D., Visiting Professor, Department of Environment and Herbal Science, Faculty of Science Tamil University. He explained about herbal treatments are the most popular form of traditional medicine, highly lucrative in the international marketplace.



TREE PLANTATION DAY

The Department of Botany organized World Tree Plantation day on 21.03.2022. Dr. M. Ayyanar, Assistant Professor, Department of Botany & Microbiology, A.V.V.M Sri Pushpam College, Poondi. He motivated the students “To live on go green, glow green”. He highlighted the importance of planting trees and he said, “Plant a tree for a better tomorrow” Nearly 67 students were benefitted by the Programme. This programme promoting afforestation and tree plantation and forest conservation.



Thanjavur, Tamil Nadu, India
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Thanjavur, Tamil Nadu 613006, India
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Long 79.153751°
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WORLD INTELLECTUAL PROPERTY DAY

All the science Departments celebrated the world Intellectual Property Day on 26.04.2022. R.Kumaravenkatesan, Advocate and Registered Patent, Thanjavur was the resource person. He delivered a speech on Intellectual Property Rights and also he explained about the pattern rights and strategy for intellectual property. Nearly 580 students participated and were benefitted through the programme.



