



GOVERNMENT OF PUDUCHERRY
Tagore Government Arts and Science College

Accredited with B Grade by NAAC
(Affiliated to Pondicherry University)

PSYCHOLOGICAL COUNSELING FOR ZOOLOGY STUDENTS DURING THE PANDEMIC

Venue: Department of Zoology, TGASC

Date: 21 March 2021

Resource Person: **Dr. Balachandran**, Assistant Professor & Head of the Department of Psychology

Dr. Ramprabhau, Assistant Professor of Psychology

Mode: **Google meet**

Department of Zoology organized a psychological counseling session for its students during the challenging pandemic period of the COVID-19 through Google meet. The session aimed to address the emotional and psychological well-being of the students who were navigating the academic challenges and personal stressors brought about by the pandemic.

Key Highlights:

1. **Introduction and Welcome:** The counseling session began with a warm welcome by Dr.G.Krishnamoorthy, Head of the Department and gave an introduction to the importance of mental health, especially during a pandemic.
2. **Identifying Stressors:** Dr. Balachandran, Assistant Professor and Head of the Department have engaged the students in open discussions to identify the various stressors they were facing, such as academic pressures, isolation, and uncertainty about the future.
3. **Coping Strategies:** The resource person shared practical coping strategies and techniques to manage stress, anxiety, and emotional well-being. These strategies included mindfulness exercises, relaxation techniques, and time management tips.
4. **Emotional Support:** Students were encouraged to express their emotions and concerns openly. The resource person provided a safe space for them to discuss their feelings and experiences.
5. **Academic Guidance:** Resource person offered guidance on how to adapt to online learning, maintain study routines, and seek academic support when needed.
6. **Self-Care and Wellness:** The importance of self-care and wellness practices, such as maintaining a healthy lifestyle, staying connected with friends and family, and seeking professional help when necessary, was discussed.
7. **Individual Consultations:** The session included a question-and-answer segment where students could ask specific questions related to their mental health concerns. Additionally, individual consultations were offered to students who required personalized support.

Takeaways: The counseling session provided students with valuable tools and resources to manage their mental health during the pandemic. Students learned the importance of seeking help when needed and that they were not alone in their struggles.

Conclusion: The psychological counseling session for Zoology students during the pandemic period played a crucial role in addressing their emotional and psychological needs. It created a supportive environment for students to share their challenges, learn coping strategies, and prioritize their mental well-being during these unprecedented times. The programme was ended with vote of thanks by Dr.S.Nagaraj, Assistant Professor of Zoology.



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WEBINAR ON VERMICOMPOSTING:

Venue: Department of Zoology, TGASC

Date: 19.08.20

Resource Person: Dr. Anuradha, Assistant Professor of Soil Science, Dr. Selvamurugan, Assistant Professor of Environmental Science, Vigyan Kendra, Needamangalam
Coimbatore Agriculture University, Thiruvavur District

Mode: Virtual- GSuite

Agenda: 1. Introduction to Vermicomposting:

Overview of Vermicomposting methods and benefits.

2. Live Demonstration: Practical demonstration by the Krishi Vigyan Kendra scientist on effective Vermicomposting techniques.

3. Q&A Session: Engaged participants in interactive discussions, addressing queries related to Vermicomposting.

Feedback: Feed backs were obtained through Google form and 80% of participants rated the webinar as excellent. Positive comments on the informative content and the practical demonstration.

Lockdown Context: The webinar was conducted during a challenging lockdown period, allowing participants to enhance their knowledge and skills from the safety of their homes.

Coordinator: The event was efficiently coordinated by the faculties of the Department of Zoology. Dr.G.Krishnamoorthy Head of the Department of Zoology inaugurated the webinar and highlighted the scope and objectives of Vermitechnology and the faculties from department of Zoology Dr.S.Nagaraj, Assistant Prof of Zoology, DR.K. Jayalakshmi, Assistant Professor of Zoology, Dr.T.Anantharaju, Dr.D.Vasantharaja, Dr. D. Sandhiya. were coordinated effectively.

Next Steps: Considering the success and positive feedback, the department aims to organize more webinars on sustainable agricultural practices.

Acknowledgments: Thanks to the Krishi Vigyan Kendra scientist for sharing valuable insights. Appreciation to the organizing team and coordinators for their efforts.

Conclusion: The Vermicomposting webinar conducted through Google Meet proved to be a successful and well-received event, contributing to the dissemination of knowledge on sustainable agricultural practices during the lockdown period.

Total Registrations: 357 **Participants:** 123



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WEBINAR ON ANTIBIOTIC RESISTANCE: THE NEXT PANDEMIC

Venue: Department of Zoology, TGASC

Date: 12.2.2022

Resource Person: **Dr. Pujitha Raja**, Research Scholar, Medicine and Veterinary Medicine, University of Edinburgh, Scotland, UK.

Google Meet

Key Highlights:

- 1. Introduction to Antibiotics:** The webinar began with an overview of antibiotics, their history, and their crucial role in treating bacterial infections.
- 2. Antibiotic Use during the Pandemic:** Resource person discussed the surge in antibiotic prescriptions during the pandemic, often for non-bacterial infections, and the potential risks of antibiotic resistance.
- 3. Antibiotic Resistance:** The webinar emphasized the growing concern of antibiotic resistance and how it poses a significant threat to global health.
- 4. Strategies to Combat Antibiotic Resistance:** Various strategies and best practices were discussed to mitigate antibiotic resistance, including appropriate antibiotic use, stewardship programs, and research for new antibiotics.
- 5. Questions and Discussions:** The webinar concluded with an interactive Q&A session where participants had the opportunity to ask questions and engage in discussions with the speakers.

Takeaways: The webinar served as an educational platform to raise awareness about the responsible use of antibiotics, especially during health crises like pandemics. Participants gained insights into the critical need for global collaboration to combat antibiotic resistance.

Future Directions: The Department of Zoology expressed its commitment to continued research and educational initiatives on antibiotic resistance and related topics.

Conclusion: Overall, the webinar on "Antibiotics Resistance: the next pandemic" was a valuable educational event that addressed the timely and critical issue of antibiotic use in the context of the COVID-19 pandemic. It emphasized the importance of responsible antibiotic use and the collective effort required to preserve the effectiveness of antibiotics for future generations.



HEAD OF THE DEPARTMENT



Government of Puducherry

TAGORE GOVT ARTS AND SCIENCE COLLEGE

INTERNAL QUALITY ASSURANCE CELL (IQAC)

DEPARTMENT OF ZOOLOGY

IN COLLABORATION (MoU) WITH
LIVING IN FINE ENVIRONMENT TRUST, COIMBATORE, INDIA

The Head, Faculties and Students of the
Department of Zoology Cordially invite you all to the
one day workshop on

FRESHWATER BIO DIVERSITY CONSERVATION

Date : 08.12.2023 Time : 9.30 AM Venue : Department of Zoology

PROGRAMME

Welcome Address
9.30 AM

Dr.S.Nagaraj

Asst. Prof & Head, Dept. of Zoology,
TGASC, Puducherry.

Presidential Address
9.50 AM

Dr.Sasi Kanta Dash

Principal,
TGASC, Puducherry.

Technical Session
10.15 AM - 3.45 PM

Dr.B.A.Daniel

Life Trust, India

Feed Back

Selvi. Vimala

III B.Sc., Zoology

Vote of Thanks
4.00 PM

Dr.R.Karthikeyani

Asst Prof. Zoology, Organising Secretary

Organizing Committee Members :

Dr. D.Vasantharaja Asst. prof. of Zoology

Dr. D.Sandhya Asst. prof. of Zoology

Dr. S.Irissappan Asst. prof. of Zoology



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ONE DAY WORKSHOP ON FRESHWATER BIODIVERSITY AND CONSERVATION

Venue: Department of Zoology, TGASC

Date: 08.12.23

REPORT

The Department of Zoology, in collaboration with **Life Trust Coimbatore** a MoU-signed organization, orchestrated a transformative one-day workshop centered on freshwater biodiversity and conservation for B. Sc, Zoology students. The workshop held on 08.12.23 in the Department of Zoology, was a comprehensive exploration of the critical issues affecting freshwater ecosystems and the imperative need for conservation measures.

Introduction: The inaugural session set the tone for the day, with the Principal Dr. Sasikanta Dash and Dr. S. Nagaraj, Head of the Department delivering opening remarks and a resource person providing a warm welcome. The workshop's objectives were clearly outlined, emphasizing the significance of freshwater ecosystems in the broader context of biodiversity.

Agenda: Session 1: Basics of Freshwater Biodiversity

The renowned speaker took the stage, delving into the intricacies of freshwater biodiversity. The audience was treated to insightful lectures covering the ecological roles of common species and the interconnectedness of these organisms within the ecosystem.

Session 2: Threats to Freshwater Ecosystems

The second session addressed the looming threats to freshwater ecosystems with a special focus on the Western Ghats biodiversity hotspot. Discussions ranged from the insidious effects of pollution to the devastating impacts of habitat destruction and the overarching influence of climate change. Real-world case studies illuminated the severity of these challenges, emphasizing the urgent need for conservation efforts.

Session 3: Conservation Strategies

Following an eye-opening examination of the threats, the workshop shifted focus to potential solutions. Presentations showcased successful conservation projects, offering hope and inspiration. Engaging in group activities allowed students to actively contribute ideas and innovative strategies for the conservation of freshwater biodiversity.

Activity-Based Learning: Theoretical knowledge gained traction as students embarked on the activity-based learning on hotspots and Western Ghats habitats. This practical exposure provided a tangible connection to the concepts discussed earlier in the day. Students honed their field research techniques and learned firsthand about the delicate balance of these ecosystems.

Feedback and Interaction: An open forum allowed participants to share their insights and pose questions to a panel comprising speakers, faculty, and students. The dynamic exchange of ideas and experiences enriched the learning environment, fostering a sense of shared responsibility

for freshwater conservation.

Conclusion: The workshop culminated with a renewed commitment to freshwater biodiversity conservation. The MoU signed organization stands as a testament to the establishment of a long-term partnership, ensuring sustained collaboration between the academic institution and the NGO. Participant certificates were issued and they expressed their gratitude for the informative sessions and the invaluable practical experiences gained throughout the day. The programme was coordinated by Dr. R. Karthikeyani, with assistance from Dr. D. Vasantharaja, Dr. D. Sandhia and Dr. S. Irissappan



Head of the Department

A handwritten signature in dark ink, appearing to read 'B. A. Daniel'.

Dr. B. A. Daniel
Life Trust India
Director
Research & Education





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E-Quiz on Apiculture

Student Participation: 80%

Date: August 21-23, 2020

Mode: **Google meet**

REPORT

Introduction:

The Department of Zoology organized an insightful e-quiz on Apiculture from August 21 to 23, 2020, leveraging the Google Meet platform. The event aimed to engage students and enthusiasts in a virtual learning experience during the ongoing pandemic.

Participation Statistics:

A remarkable total of 2113 participants joined the e-quiz, with an impressive 80% representation from student demographics. This widespread involvement reflects the keen interest and enthusiasm among students for such knowledge-sharing initiatives.

Performance Metrics:

The participants demonstrated commendable performance, as 85% of them successfully passed the e-quiz. This high passing rate indicates a substantial understanding of Apiculture among the engaged audience.

Event Logistics:

Conducted over a span of three days, the quiz sessions were hosted on Google Meet, ensuring a seamless virtual experience for all participants. The choice of this platform facilitated active participation and interaction, contributing to the overall success of the event.

Certificates and Recognition:

In acknowledgment of participants' efforts, electronic certificates were issued to all those who successfully completed the e-quiz. This recognition not only validates their commitment but also serves as a digital testament to their acquired knowledge.

Conclusion: The Department of Zoology's E-Quiz on Apiculture, held through Google Meet, stands as a testament to the effectiveness of virtual platforms in fostering educational engagement during challenging times. The impressive turnout, coupled with high passing rates, highlights the success of the event in achieving its educational objectives.