



S236

Report

Academic Year 2020-2021

Name of the Event: National Webinar on “ Botanicals as aid to fight Covid-19

Date: 3.02.2021

Time: 4:00 pm to 5:00 pm

Platform: Google Meet. Code: <https://meet.google.com/dng-wmnr-bqb>

Organized by: Department of Botany , Vimala College (Autonomous) Thrissur

Collaboration (if any): Department of Biotechnology, Delhi

No. of participants: 67

A webinar on the topic " Botanicals as aid to fight Covid-19 " was organized by Department of Botany, Vimala College (Autonomous) Thrissur on 3rd February 2021 under the financial assistance from DBT STAR College Scheme (Department of Biotechnology, Ministry of Science and Technology, Govt. of India). The major objectives of this outreach programme include providing an opportunity for the students to interact with resourceful personalities and enhancing their scientific knowledge. Through this, students could familiarise themselves with different topics and ask related questions directly to those who are involved in scientific research.

It was a virtual meeting through Google meet. The coordinator of the programme was Dr. Silvy Mathew (DBT Star College Scheme and Assistant Professor, Dept.of Botany). The student coordinator of the webinar was Ann Maria Jacob (S6 Bsc.Botany).The programme commenced with welcome address by Head of the Department, Dr. Sheeja T Tharakan. Dr. Sr. Beena Jose, Principal, delivered the presidential address. The webinar was lead by the resource person, Fr. Dr. S. Ignacimuthu, Director, Xavier Research Foundation, St.Xaviers College, Palayamkottai, Tamil Nadu.

The session was of 3 hours duration. Around 70 students participated. One of the major focus of the talk was prospection of biological resources in times of global health emergency. The discovery of new bioactive compounds from nature was highlighted as an approach for the discovery of novel drugs. Ayurvedic and Siddha prophylaxis for Covid-19, as recommended by the Ministry of



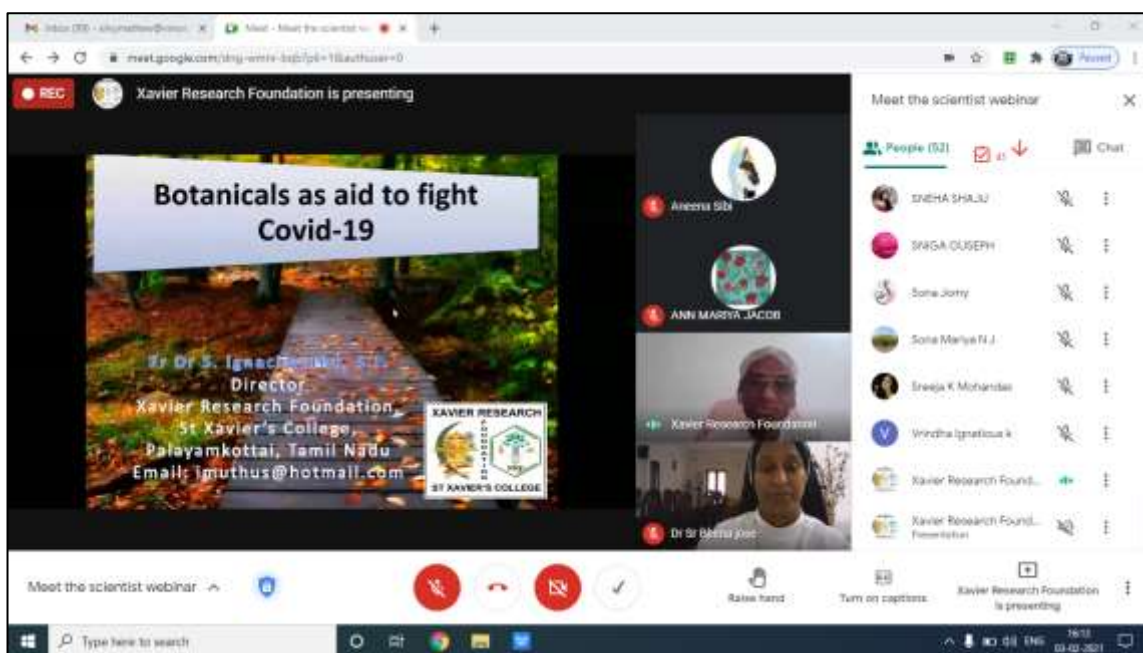
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AYUSH were discussed in the session. Important medicinal plants and their ayurvedic formulations used in AYUSH trials were also discussed in detail. Antiviral phytochemicals obtained from these plants and their mode of action were also explained.

The relevance of this topic lies in realising the immense potential of herbal formulations as immunity boosters to provide resistance against Covid-19. Through this webinar, we were able to recognize the fact that interdisciplinary research approaches in combating Covid-19 pandemic is less and a major portion of traditional knowledge and biodiversity remains unutilized. Therefore, more research efforts are needed to promote our traditional medicines.

The talk was followed by a question answer session, where students interacted, asked questions and cleared their doubts. The vote of thanks was proposed by Kamala Samudra (S4 Bsc.Botany). The organizing committee members included Dr.Sheela T Tharakan and Ms.Smitha P S. The certificates for participation were provided to all the participants, through E-mail.

Photos





The screenshot shows a Zoom meeting in progress. The main window displays a presentation slide titled "Few TCMs under COVID-19 trial". The slide content includes:

- Herbs:**
 - Lithospermum erythrorhizon
 - Scutellaria baicalensis
 - Forsythia suspensa
 - Citrus aurantium
- Properties:**
 - Bittering
 - Warming
 - Tough Qi-strengthening
- References:**
 - Shi, Y. et al. (2020) Lithospermum erythrorhizon L., Scutellaria baicalensis Georg., Forsythia suspensa (Thunb.) and Citrus aurantium L. (2020) [https://doi.org/10.1016/j.jtc.2020.05.001]
 - Huang, L. et al. (2020) [https://doi.org/10.1016/j.jtc.2020.05.001]

The Zoom interface shows a list of participants on the right, including Dr. Shiyi Mathew Thirumangalakudi, Anshu Bhowmik, and others. The "Meet the scientist" sidebar on the left is partially visible.

Assessment Period (2016 – 2021)



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Brochure

**Department of Botany,
Vimala College (Autonomous), Thrissur
organizes
Meet the Scientist Webinar Series**

**Funded by
DBT STAR College Scheme
Department of Biotechnology
Ministry of Science & Technology, Govt. of India**

On 03rd February 2021 at 4.00pm



Resource person :



Fr. Dr. S. Ignacimuthu
(Identified as one of the top 1% scientists in the world in the field of Biology)
Director
Xavier Research Foundation,
St. Xaviers College, Palayamkottai
Tamil Nadu

Topic: Botanicals as aid to fight Covid-19

Link for registration : <https://forms.gle/YfWNeteRRvty866YA>

Dr. Sr. Beena Jose
Principal

Organizing Committee :
Dr. Sheeja T Tharakan
(Head, Dept. of Botany)
Ms Smitha PS

For Contact:
Dr. Silvy Mathew
Coordinator

Student Organizers :
Ann Maria Jacob
Kamala Samudra
K A Ashna

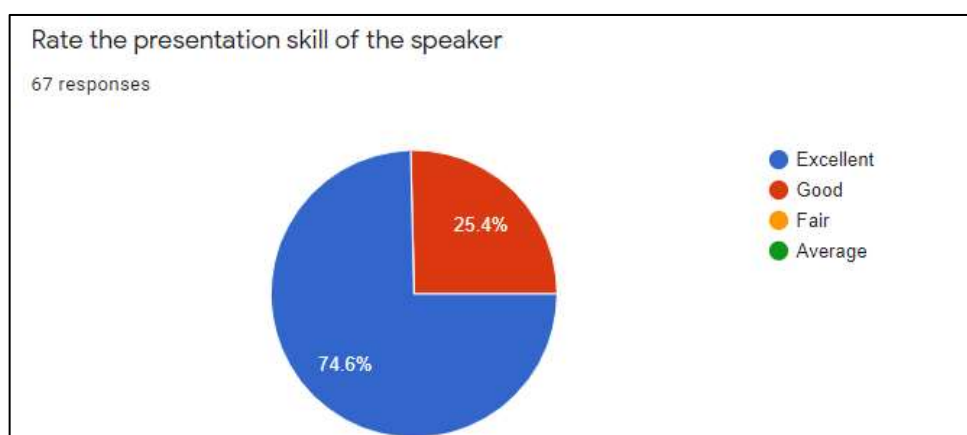
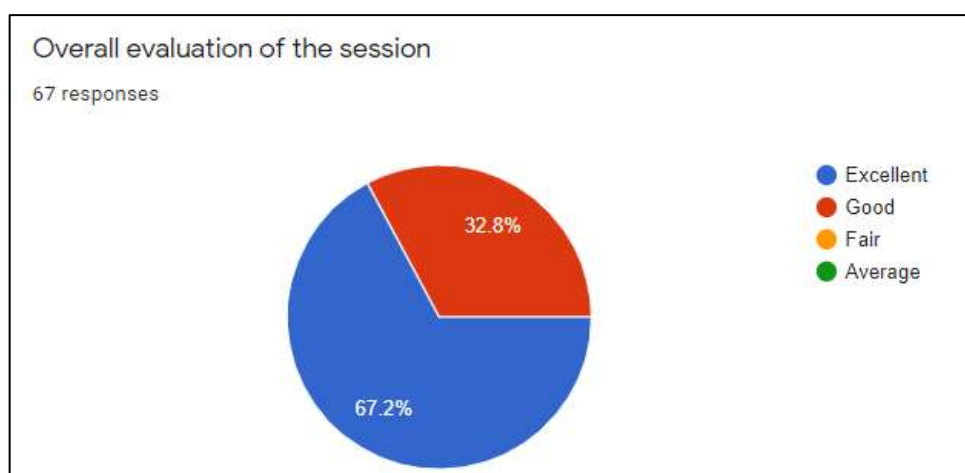
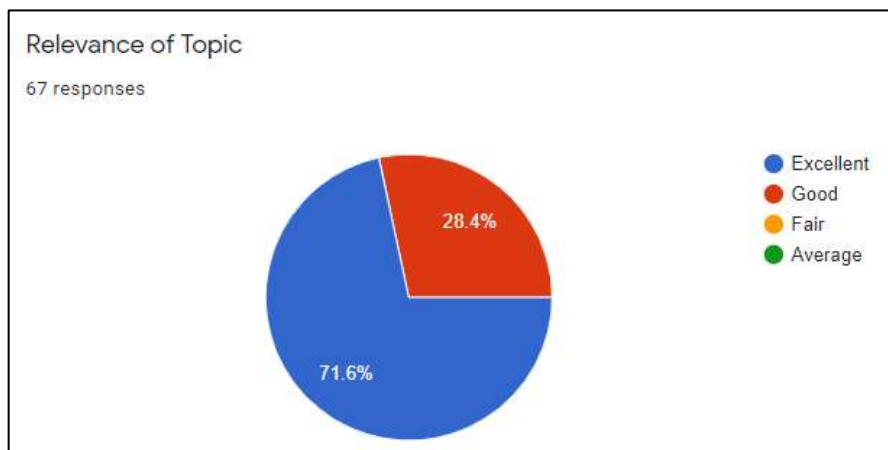




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Feedback link for participants: <http://https://forms.gle/JYE8vyRSUgSKBmes5>

Feedback from participants:





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Assessment Period (2016 - 2021)



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