GOOGLE LINK TO APPLY

https://forms.gle/MvAN6jDHbDWUVc37A

Programme Schedule

9.30-10.20 AM- Inauguration
10.20-10.30 AM– Tea Break

Technical Session 1

10:30 - 11:45 AM

An Overview of Edible Mushroom Resources of Kerala
Dr. C. K. Pradeep

11:45 - 1:00 PM

Mushrooms as myconutraceuticals and cosmeceuticals
Dr. Usha Rajnandhini

1:00 - 2:00 PM - LUNCH BREAK

Technical Session 2

2:00 - 3:30 PM

Recent advances in mushroom taxonomy
Dr. T. K. Arun Kumar

3.30-4.30 PM Valedictory function and Certificate distribution

Organisers

Dr. Anith K.N.
Associate Director of Research, RARS(SZ)

Dr. Heera G.
Assistant Professor &
PI. AICRP on Mushrooms

Dr. N.V. Radhakrishnan
Professor and Head
Dept. of Plant Pathology

Important Dates

Last date for receiving application: 09.03.2023
Confirmation from participants: 10.03.2023

Contact Details

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KERALA AGRICULTURAL UNIVERSITY

National Seminar **14-03-2022**

BIODIVERSITY OF MUSHROOMS AND ITS FUTURE PROSPECTS AS MYCONUTRACEUTICALS

Regional Agricultural Research Station (Southern Zone) & AICRP On Mushrooms

RARS(SZ), Vellayani

The Regional Agricultural Research Station for the Southern Zone of Kerala was established at the College of Agriculture, Vellayani on 30th November, 1981. The research station has developed improved varieties of crops and technologies suited to various locations and is instrumental in dissemination and promotion of proven deliverable technologies to the farmers of the Southern Region of Kerala. The research station is located 12 km away from the Trivandrum city at College of Agriculture, Vellayani

AICRP on Mushrooms

AICRP on Mushrooms was started in 2001 as part of the Department of Plant Pathology, College of Agriculture, Vellayani. It is a centre working under the guidance of ICAR-Directorate of Mushroom Research, Solan, the pioneering institute working on improvement omushroomsom. The main objectives include collection and cataloguing of edible and medicinal mushrooms, varietal trials of different tropical mushroom, supply of quality spawn for the mushroom growers and popularization of mushroom cultivation suited to Kerala. Presently concentrating on the development of mushroom nutraceuticals, development of improved mushroom strains and isolation of important bioactive molecules from medicinal mushroomss

Background

Mushrooms are precious fungi, which exists as an important and integral component of the ecosystem occupying diverse niche. Several species grow wild in nature which has much nutritional and medicinal value than the cultivated ones. Biodiversity includes not only many species that exist, but also the range of populations that makeup a species and the genetic diversity among individual life forms. Mushroom diversity is very unique including the edible, in edible, hallucinogenic and poisonous ones with potential bioactive compounds for the pharmaceutical and nutraceutical industry. Human beings have constantly searched for new substances that can steadily and efficiently improve biological functions. Nutraceuticals are destined to play an important role in future therapeutic developments. Consumption of functional foods or through the use of extracted biologically active compounds in the form of nutraceuticals/dietary supplements enhances immune function in which mushrooms plays an important role. Identifying unknown wild macrofungi opens a new way for researchers and pharmaceuticals to exploit them for food, medicines, and other bio-prospects.

Objectives

The major objectives of the seminar is to create a knowledge on the biodiversity of mushrooms, advanced technologies in mushroom identification and utilization of mushrooms as myconutraceuticals.

Resource Persons

- Dr. C. K. .Pradeep, Principal Scientist, JNTBGRI, Palode
- Dr. T. K. Arun Kumar, Asst. Professor, Zamorin's Guruvayurapan College, Kozhikode
- Dr. Usha Raj Nandhini, Professor and Head, Dept of Biotechnology, Mother Theresa Women's University, Kodaikanal

Participants

Researchers/ Teachers in the rank of Assistant Professor equivalent or above in any University and Students of different faculties .

Venue

Advanced Research Centre for
Plant Disease Diagnosis,
Dept. of Plant Pathology,
College of Agriculture, Vellayani