

**Mahajana Education Society (R)**

**SBRR Mahajana First Grade College (Autonomous)**

Affiliated to University of Mysore

Re-Accredited by NAAC with 'A' Grade, College with Potential for Excellence

**Post Graduate Wing**

**Pooja Bhagavat Memorial Mahajana Education Centre**

**K R S Road, Metagalli, Mysuru – 570 016**

**Department Activity Report 4**

- Title of the Event: **One Day Invited Lecture on “Mushrooms in human nutrition and health” dated on 4-12-2023**
- Name of the venue: **Life Science Auditorium**
- Details of the department organizing the event in collaboration with institution: **Department of Studies in Microbiology, Pooja Bhagavat Memorial Mahajana Education Centre K R S Road, Metagalli, Mysuru.**
- Purpose and scope of the event: **One day Invited Lecture was organized by Department of studies in Microbiology. The theme of the seminar imparts the knowledge on diversity studies of various wild and edible mushrooms. The lecture was denoted with the distribution of biomolecules profile and biological activities to regulate pathogenic organisms and human cancer cells.**
- Details of the talk/event/activity:
- The Resource person on the respective scientific session was **Dr. K. R Sridhar**, Adjunct Professor, Department of studies and Research in Bioscience. The Programme was started at 11:0 am with the opening remarks and introduction of the scientific session narrated by II year M.Sc student Ms. Niharika Gowda H K.
- Welcome address of the invited speaker, Professors and Students of the gathering was given by II year M.Sc student Mr.Venkatesh. T

- Dr. K. R Sridhar highlighted on the diversity studies of various wild and edible mushrooms. He explained in detail about the climatic conditions, physical growth parameters and nutritional profile of mushrooms.
- Dr. K. R Sridhar had displayed wide variety of mushrooms grown in and around the campus of university of Mangalore, Konaje. Among the numerous species, they identified the new mushroom species and named it as *Amanita konajensis*.
- Other wild and edible mushrooms were identified as *Ganoderma lucidum*, *Ganoderma pfeifferi*, *Cyathus striatus*, *Cordyceps sp* and *Ophiocordyceps sp*. Nutritional effect of these mushrooms had various efficacies against cancer cells, diabetes, pathogens and other protein deficiency disorders.
- The scientific session was opened for interaction/discussion with Dr. K. R Sridhar on the current research activities on mushrooms.
- II M.Sc student Niveditha C S has given the vote of thanks.
- **A brief profile of the Resource person:** Dr. Kandikere R. Sridhar is currently an Adjunct Professor in the Department of Biosciences at Mangalore University, where he has served for over 45 years. He has guided M.Phil (5) and PhD (25) students on the topics of mycology, bacteriology, food science and myriapodology. His main area of research is ‘Diversity and Ecology of Freshwater Fungi of the Western Ghats’; ‘Fungi in Mangrove and Marine Habitats of the West Coast of India’. He has edited 14 books published by IK International Publishers, CRC Press, Springer Nature and Fungal Diversity Press. Dr. Sridhar was an NSERC postdoctoral fellow and visiting professor at Mount Allison University, Canada; the Helmholtz Centre for Environmental Research (UFZ) and Martin Luther University, Germany; the Centre of Biology, University of Minho, Portugal. He was awarded the Shome Memorial Award (2004), Vice President (2013), President (2018) and Lifetime Achievement Award (2019) by the Mycological Society of India. He was awarded a Fellow of the Indian Mycological Society, Kolkata (2014). The Asian Mycological Society has conferred on him the title Distinguished Asian Mycologist (2015). The Association of Agricultural Technology of Southeast Asia, Thailand, awarded him Outstanding Leader in Education and Research (2016). His contributions for the last 45 years lifted him to the top 2% of world scientists in the field of mycology, according to a survey by Stanford University (USA). Analysis of the Alper-

Doger Scientific Index in 2023 placed him at the top 714 position in India with specialisation in mycology, food science and technology based on Google Scholar citations. Currently, Dr. Sridhar is serving as a visiting professor at the Department of Agricultural Technology, King Mongkut's Institute of Technology, Bangkok. He is on the editorial board of several national and international journals. He has published over 500 research articles, reviewed over 160 research papers, reviewed about 25 project proposals and reviewed 10 book proposals.

- No. of Participants/beneficiaries: **60**

**Signature of the Event Co-coordinator**

**Signature of the Principal**

## Gallery Section



**Presentation by Dr K.R Sridhar**



**Participation of Life science students and Faculties on Scientific session**