



DEPARTMENT OF MICROBIOLOGY
GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG



Exhibition of Live cultures of Bacteria and Fungi

11-13 March, 2023

The PG students of Microbiology are regularly deals with microbial cultures during their studies. The cultures are usually isolated indigenously as a part of their initial learning and later used as study material. After completion of experiment, as a regular practice, many of the cultures get decontaminated and left unidentified.

During general discussions, it was observed that other departments of biological's sciences and physical or chemicals sciences also require microbial cultures for some trans/ inter disciplinary studies. The faculties and students of arts and humanities

Based on the idea of distributing information about microbes, which are often associated with illness and disease despite their essential function in the daily functioning of human life.

A need has been identified as to encourage a more positive relationship between microbes and the general public with an opportunity to showcase the wonderful world of microorganisms.

Report

The PG students and faculty members of Department of Microbiology conducted an exhibition of live cultures of microbes isolated indigenously from different sources on **11th and 13th March 2023** to fulfil the name of Departmental Association "**Micropia**".

The exhibition was inaugurated by Dr. R.N. Singh, Principal and Patron of Govt. VYT PG Autonomous College, Durg. The faculties and students of all Science departments of college and nearby colleges were invited to witness the Exhibition.

In total, 22 bacterial and 20 fungal cultures were displayed in the exhibition. Individual cultures were isolated from Air, Water, Soil, Human Skin and Spoiled vegetables using specific culture medium



and providing specific growth conditions. The pure cultures were tentatively identified with the help of microscopic observations and some biochemical tests. The culture plates were fixed in an engraved thermocol sheet for display with the tentative names of each organism. A QR code was generated for each culture elucidating the source of isolation, Taxonomic position, general characteristics and economic importance as well as microscopic view of each culture for the benefit of spectators.

साइंसकालेजमेंसूक्ष्मजीवोंकीजीवंतप्रदर्शनीकाआयोजन

Mar 11, 2023



आर.एन. सिंह एवं भौतिकशास्त्रके विभागाध्यक्ष डाॅ. जगजीत कौर सलूजाने रिबन काट कर किया।

प्राचार्य ने विद्यार्थियों के इस प्रयास के लिए उनकी प्रशंसा की तथा उन्हें शुभ कामनायें दीं।

उन्होंने कहा कि इस तरह के प्रयासों से विद्यार्थियों की प्रैक्टिकल स्किल बढ़ने के साथ ही विद्यार्थियों में आत्मविश्वास बढ़ता है। डाॅ.

सलूजाने विद्यार्थियों के कार्य की सराहना की। प्रदर्शनी में 22 बैक्टीरिया एवं 16

फंजाई की स्पीशज का प्रदर्शन किया गया। इस जीवंत प्रदर्शनी में सूक्ष्मजीवों का संवर्धन पानी, मिट्टी, हवा एवं अन्य स्रोतों से किया गया एवं उन्हें अलग-अलग मीडियम में कल्चर करके प्रदर्शित किया गया।

इनकी कालोनी के आधार पर इन्हें पहचान कर प्रत्येक प्रकार का क्यूआर काडिंग भी विद्यार्थियों के द्वारा की गयी।

प्रदर्शनी का अवलोकन विभिन्न विभाग के प्राध्यापकों एवं विद्यार्थियों के द्वारा किया गया।

सभी ने इस प्रदर्शनी की प्रशंसा की।

दुर्ग.

शासकीय विष्वनाथ यादव तामस्कर स्नातकोत्तर स्वर्ण सीमा महाविद्यालय के माइक्रोबायोलॉजी विभाग द्वारा माइक्रोपिया (माइक्रोबायोलॉजिकल एसोसिएशन) के तत्वावधान में बैक्टीरिया एवं फंजाई के जीवंत संवर्धन पर प्रदर्शनी आयोजित की गयी।

प्रदर्शनी का शुभारंभ महाविद्यालय के प्राचार्य डाॅ.



