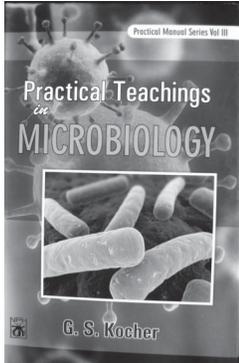


## Book Review



The book entitled “**Practical Teachings in Microbiology**” authored by G.S. Kocher, Punjab Agricultural University is the third volume of revised practical manual in its series. The manual has been designed to cater the needs of students who aspire to have a sound practical hand along with all the necessary details lying behind the techniques used in microbiology. Even very minor details have been documented with care and with precise explanation in this book.

The book has been divided into four sections. First section introduces the readers to microbiological laboratory and the instruments used with their principles and working. Second section makes readers familiar with the morphology of variety of microorganisms. For this purpose, nine exercises have been formulated by using almost all available traditional as well as recent techniques with their details. Third section deals with the isolation and culturing of microorganisms on artificial media. For that purpose exercises have been formulated which include isolation, culturing and growth of microorganisms. Identification of microorganisms on the basis of morphological, biochemical and physiological tests has been well documented in exercise number twelve. Fourth section deals with the applied part of microbiology including experiments from soil, industrial and clinical microbiology. Part of microbial genetics has also been covered with full detail and precision. Annexure given at the end of the book provides ready and additional but important information about media preparation and other chemicals which are to be used in the laboratory.

Practical teachings in microbiology, as the name suggests, is thus a very comprehensively compiled practical manual which fulfils the needs of students as well as teachers working in a microbiology lab either as an amateur or as a professional microbiologist. The book is recommended to the students and teachers of the subject.

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