

Guest Lectures (2019-20)

Guest lecture on Bacterial Morphogenesis

Department of Microbiology has organized a guest lecture on 23.7.19 by Dr. Manjula Reddy, Chief Scientist, CCMB for B.Sc (MGC, MBiC-3 rd year) and M.Sc final year students of Microbiology. The title of the topic was “Bacterial growth and morphogenesis”. She emphasized on importance of cross link cleavage in bacterial peptidoglycan synthesis and expansion of PG sacculus. The lecture also highlighted on function of synthetic Mep K and Mep S in cleavage of intact PG sacculi as it is a prerequisite to make space for incorporation of nascent glycan strands for its successful expansion during cell growth.



Guest lecture on Role of Microbes in cancer and its prevention

Dr Venkateshwar Madka , Asst professor of Research, University of Oklahoma HSC,USA delivered a lecture on “Role of microbes in cancer and its prevention” on 30-7-2019. Undergraduate and postgraduate microbiology students attended the lecture with great enthusiasm. Types of cancers, cancer causing agents, vaccination for cancer prevention and the role of probiotic bacteria in prevention of different types of cancers were discussed in this

presentation. Students interacted with the guest speaker and discussed on novel methods of cancer detection and therapy methods. Guest speaker, Dr Venkateshwar Madka also highlighted the impact of lifestyle and nutrition in cancer prevention .

