

K S RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

TIRUCHENGODE 637 215

DEPARTMENT OF MICROBIOLOGY

VALUE ADDED COURSE SYLLABUS

21MBCC02	Basics in Microbiology	Semester: Even
Course Objectives: The course aims <ul style="list-style-type: none">To understand the beneficiary role of microorganisms that provides entrepreneurship.		
Total hours:30		
UNIT	CONTENTS	Hrs of Execution
I	Introduction TO Microbiology: Scope and Historical development in microbiology. General properties of microorganisms-bacteria, virus, fungi, algae and protozoan.	6
II	Microscopy: Definition, parts, handling and maintenance of compound microscope.	6
III	Staining: Types of stains, simple staining, and differential staining.	6
IV	Sterilization: Physical and chemical sterilization.	6
V	Chemotherapy: Kirby Bauer Technique well and disk diffusion method. Phenol coefficient method.	6

Head of the Department

HEAD

Department of Microbiology
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Principal

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