

D.B.F. Dayanand College of Arts and Science, Solapur

COURSE OUTCOME

Name of Department _____Microbiology_____

B.A. / B.Sc. / M.A. / M.Sc. : B.Sc		
NAME OF SUBJECT : Microbiology		
SEM I / II / III / IV / V / VI : Sem V		
COURSE NUMBER (PAPER NUMBER) : X		
TITLE OF COURSE (NAME OF PAPER) Agricultural Microbiology		
COURSE CONTENT	OBJECTIVES	OUTCOME
Unit I : Introduction to Soil Microbiology	To understand the soil ,structure, ecosystem and m.orgs in soil and applications of	Students will about the importance of soil in with respect to m.orgs
Unit II: Role of microorganisms in elemental cycle	To aware of various types of elements required by living system and their transformation.	Students will apply the theoretical knowledge to study elemental transformations.
Unit III: Composting and Biodegradation	To study various composting methods and role of microorganisms in composting.	students can apply knowledge of composting in preparation compost in help to society in solving the problem of solid waste management
Unit IV: Plant pathology	To study the harmful activities like plant diseases caused by organisms , their symptoms, control.	Students will be able to identify plant diseases. And help in control of diseases and make aware the farmers about them.
Unit V Applications of Biotechnology in Agriculture	To study role of various types of microorganisms in biotechnology and agriculture	Students can apply knowledge to get rid of problems in the society

Signature of HOD