

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

M. Sc. Integrated Biotechnology SEM VI

Practicals 606 (ii) - Microbial Biotechnology

1. Isolation and screening of antibiotic producing microorganisms
2. Isolation and screening of organic acid producing microorganisms
3. Isolation and screening of following potential microorganisms
 - a. Amylase producer
 - b. Protease producer
 - c. Cellulase producer
 - d. Lipase producer
4. Estimation of alcohol concentration by potassium dichromate method.
5. To carry out fermentation of alcohol using *S. cerevisiae*.
6. To carry out the fermentation of amylase enzyme by *B. subtilis*.
7. To carry out the citric acid fermentation by *A. niger*.