

**K. D. K. COLLEGE OF ENGINEERING, NAGPUR**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

**B. E. FOURTH SEMESTER**

**BEIT406P: COMPUTER LAB - II**

**LIST OF EXPERIMENTS**

1. EXPERIMENT BASED ON MS OFFICE MACRO PROGRAMMING.
2. INSTALLATION OF OS AND CONFIGURING A DESKTOP FOR – THE WINDOWS OPERATING SYSTEM(XP AND 7).
3. INSTALLATION OF OS AND CONFIGURING A DESKTOP FOR – THE LINUX OPERATING SYSTEM.
4. INTRODUCTION TO UNIX OPERATING SYSTEM, THE UNIX ARCHITECTURE AND COMMAND USAGE, THE FILE SYSTEM, PIPES, FILTERS USING REGULAR EXPRESSIONS.
5. INTRODUCTION TO LINUX OPERATING SYSTEM ,FLAVORS OF LINUX VI EDITOR, VIM EDITOR.
6. THE SHELL - SHELL VARIABLES; SCRIPTS; META CHARACTERS AND ENVIRONMENT; IF AND CASE STATEMENTS;FOR, WHILE AND UNTIL LOOPS;ESSENTIAL SHELL PROGRAMMING.
7. AWK(PATTERN-ACTION LANGUAGE) BEGIN AND END PATTERNS;VARIABLES, RECORDS AND FIELDS;LOOPS;HANDLING TEXT; STRING MANIPULATIONS.
8. INTRODUCTION TO MATLAB SIMULATOR AND PROGRAMMING BASED ON MATLAB SIMULATOR.