

# A Laboratory Manual for

**Advanced Microprocessor (17627)**

Semester – VI

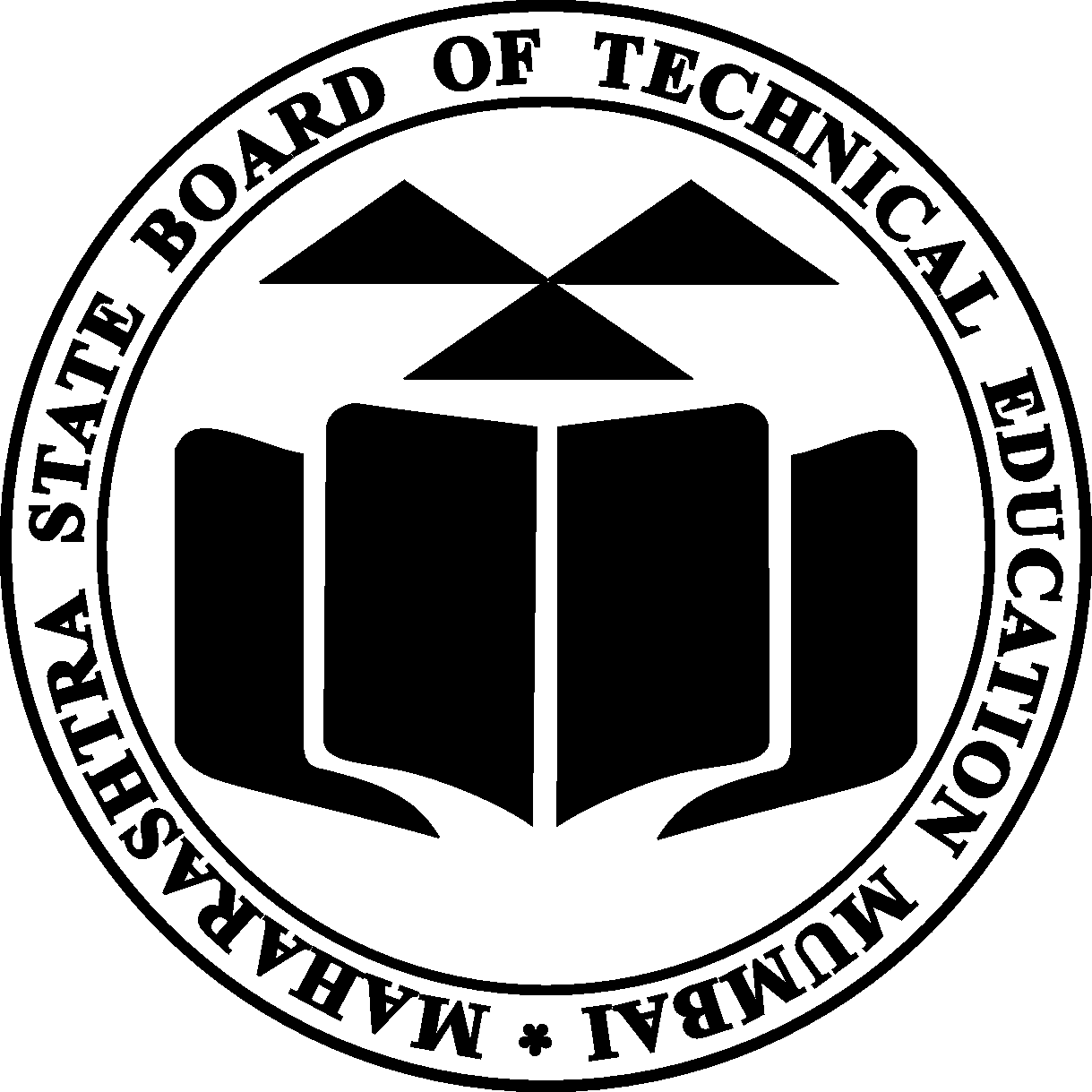
## Diploma in Computer Engineering Group

## (CO)

Maharashtra State

Board of Technical Education, Mumbai

ISO 9001:2000



# MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

## Certificate

#### This is to certify that Mr. / Ms. …………………………………………… Roll No. ………………...………...……, of Six Semester of Diploma in

Computer Engineering of Institute M. H. Saboo Siddik Polytechnic (Code :0002) has completed the term work satisfactorily in **Advanced Microprocessor (17627)**

for the academic year 2017 to 2018 as prescribed in the curriculum.

Place : …………….…. Enrolment No.: ……………….….

Date : ……………..…. Exam. Seat No. : …………….….

Sign :

Name :

**Subject Teacher Head of the Department Principal**

Seal of Institution

**LIST OF EXERCISE AND RECORD OF PROGRESSIVE ASSESSMENT SHEET FOR TERM WORK(TW)**

Academic Year :2017-18

Course & Code: CO-6-G

Name of Candidate:………………………

Semester: 6Th Semester

Name of Faculty: Kouser Maam

Subject Code: AMI (17627)

Enroll No:……………… Roll No:…………. Marks: Max : 25 Min: 10

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr.**  **No.** | **Name of the Exercise** | **Page No.** | **Date of Perfor- mance** | **Date of submi - ssion** | **Mark10** | **Sign. of Teacher and**  **Remarks** |
| 1 | Write an ALP to read password & validate the user. | 1 |  |  |  |  |
| 2 | Write an ALP to display the status of keys described in 02H functions of BIOS INT 16H. |  |  |  |  |  |
| 3 | Write an ALP to simulate CLS (Clear Screen) command. |  |  |  |  |  |
| 4 | Write an ALP to simulate DEL (Delete file) and REN (Rename file) command. |  |  |  |  |  |
| 5 | Write an ALP to display the attribute and date/ time of any file. |  |  |  |  |  |
| 6 | Write an ALP to simulate MD (Make directory), RD (Remove Directory) commands. |  |  |  |  |  |
| 7 | Write an ALP to simulate CD (Change directory) and PWD (Present Working Directory) commands. |  |  |  |  |  |
| 8 | Write an ALP to display the status of Flag register and Machine Status Word register of 286 on the screen. |  |  |  |  |  |
| 9 | Write an ALP to display the status of Flag register and Machine Status Word register of 386 on the screen. |  |  |  |  |  |
| 10 | Write an ALP to demonstrate CPU ID instruction of Pentium Processor |  |  |  |  |  |
| **Total Marks Out of(10x10)=100** | | | | |  |  |
| **Marks Out of 25** | | | | |  |  |

**Name and Signature of Student Name and Signature of Faculty**