DEPARTMENT OF COMPUTER SCIENCE
Dyal Singh College, University of Delhi

(ACADEMIC SESSION, 2023-24)

Course: B.SC(PS)COMPUTER SCIENCE (Part I/ I Semester)
Paper Code and Name: Microprocessors (TH)

FACULTY

Name of Teacher: Mr. Amit Kumar
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ASSESSMENT DETAILS

Total Marks for the course is 100, comprising following components
- **CA-0**
- **IA -25**

TEACHING PLAN

Week	Topics Covered/ Assignments/ Test/Presentations
1-2	**The Microprocessor and its Architecture:** Internal microprocessor Architecture, Protected Mode
3-4	**Continue The Microprocessor and its Architecture:** Flat mode memory **Addressing Modes:** Data Addressing modes
5-6	**Continue Addressing Modes:** Program Addressing Mode
7-8	**Data Movements Instructions:**
9-10	**Continue Data Movements Instructions:** **Assembly Language:** Addition, Sub, MUL, BCD, ASCII
11-12	**Continue Assembly Language:** Shift and Rotate, String Comparison **Test**
13-14	**Assignment** **Program Control Instructions:** Jump group, processing
15-16	**Continue Program Control Instructions:** Introduction to interrupts