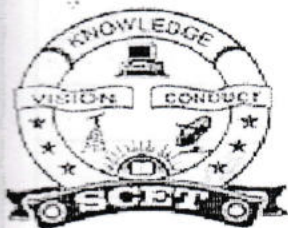


# LAB SCHEDULE PLAN

Page No. of



## SWARNANDHRA COLLEGE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

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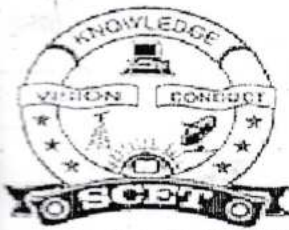
### DEPARTMENT OF CSE (BUSINESS SYSTEMS) TEACHING PLAN

Course Code	Course Title	Semester	Branch	Contact Periods /Week	Academic Year	Date of commencement of Semester
20IT3L01	Computer Organization Lab	3	CSE(BS)	3 Periods	2023-24	07-08-2023

#### COURSE OUTCOMES

1	Simulate the 8085 microprocessor.
2	Implement the machine language programs to perform different operations.
NOTE	Implement the following list of Assembly Language programs by using 8085/8086.

Experiment Number	Name of the Experiment	Contact Hours
1	a) Write a Program to perform Addition of two numbers. b) Write a Program to perform Subtraction of two numbers.	3
2	a) Write a Program to perform Addition of n numbers. b) Write a Program to generate n numbers.	3
3	a) Write a Program to generate n Even numbers. b) Write a Program to generate n Odd numbers.	3
4	a) Write a Program to move data from one block to another block. b) Write a Program to mask 4 high-order bits.	3
5	a) Write a Program to read data at location 4400 and unpack data into 07, 0E and store in 4401 & 4402. b) Write a program to subtract an array of elements to get positive result.	3
6	a) Write a Program to Find largest element of an array. b) Write a Program to Perform Linear Search operation.	3
7	a) Write a Program to Find smallest element of an array. b) Write a Program to Find largest value among two numbers.	3
8	a) Write a Program to Find smallest value among two numbers. b) Write a Program to find factorial of given number.	3
9	a) Write a Program to generate Fibonacci Series. b) Write a Program to convert a number from Hexadecimal to BCD.	3
10	a) Write a Program to separate Even and Odd numbers. b) Write a Program to find 1's Complement and 2's Complement of a number.	3



# SWARNANDHRA

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11	a) Write a Program to perform addition of first n numbers. b) Write a Program to perform Division of two 8-bit numbers.	3
12	a) Write a Program to Convert ASCII to Decimal and vice versa. b) Write a Program to convert a number from Hexadecimal to Decimal.	3
<b>CUMULATIVE PROPOSED PERIODS</b>		<b>36</b>

	Name	Signature with Date
i. Faculty	Mr. Ch. R. K. Raju	<i>Ch. R. K. Raju</i> 21/8/23
ii. Module Coordinator	Mr. Ch. R. K. Raju	<i>Ch. R. K. Raju</i> 21/8/23
iii. Programme Coordinator	Dr. RVVSV Prasad	<i>Dr. RVVSV Prasad</i> 21/8/23

*[Signature]*  
Principal

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UGC Act 1956  
Kakinada  
(sh)

Date of  
Commencem  
ent of  
Semester

7-08-2023

Contact  
Hours

3

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