SWARNANDHRA
COLLEGE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)
Accredited by National Board of Accreditation, AICTE, New Delhi,Accredited by
NAAC with "A" Grade – 3.32 CGPA,Recognized under 2(f) & 12(B) of UGC Act 1956
Approved by AICTE, New Delhi,Permanent Affiliation to JNTUK, Kakinada
Seetharampuram, W.G.DT., Narsapur-534280, (Andhra Pradesh)

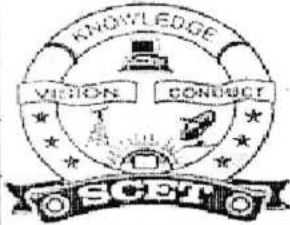## DEPARTMENT OF CSE (CYBER SECURITY)
TEACHING PLAN

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

COURSE OUTCOMES

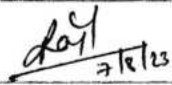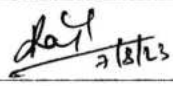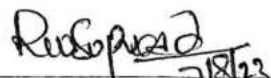|	
1	Simulate the 8085 microprocessor.
2	Implement the machine language programs to perform different operations.
NOTE	**Implement the following list of Assembly Language programs by using 8085/8086.**

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
COLLEGE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)
Accredited by National Board of Accreditation, AICTE, New Delhi, Accredited by
NAAC with "A" Grade – 3.32 CGPA, Recognized under 2(f) & 12(B) of UGC Act 1956
Approved by AICTE, New Delhi, Permanent Affiliation to JNTUK, Kakinada
Seetharampuram, W.G.DT., Narsapur-534280, (Andhra Pradesh)

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
	CUMULATIVE PROPOSED PERIODS	36

		Name	Signature with Date
i.	Faculty	Mr. Ch. R. K. Raju	7/8/23
ii.	Module Coordinator	Mr. Ch. R. K. Raju	7/8/23
iii.	Programme Coordinator	Dr. RVVSV Prasad	7/8/23

Principal