Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

DEPARTMENT OF

HUMANITIES & BASIC SCIENCES

COURSE FILE

Branch: CSE **Class: B.Tech- I Year-I sem**

Subject: PROGRAMMING FOR PROBLEM SOLVING LAB

Subject Code: R22CSE1128

Academic Year: 2022-2023 **Regulation: R22**

Core/Elective/H&S: H&S **Credits: 1.5**

Prepared By

Name: D MOUNIKA/K.S.ARCHANA/G.ANITHA

Assistant Professor.

Verified By:

Head of the Department:

Name: N Shailaja

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Lab Course File - Check List

LAB FILE:

S.NO.	NAME OF THE FILE	Y/N
1	V.M,PEO - HoD signed Xerox Copy	Y
2	PO,PSOs - HoD signed Xerox Copy	Y
3	PO,PSOs, COs and Mapping - prepared and signed by faculty in charge	Y
4	List of Experiments as per the syllabus - University Xerox copy	Y
5	List of Experiments including additional experiments and	Y
6	their CO, PO/PSOs mapping - prepared and signed by faculty in charge	Y
7	Class time table highlighting the lab - HoD signed Xerox copy	Y
8	Model practical End exam questions - prepared and signed by faculty in charge	Y
9	Schedule of end practical examinations - HoD signed Xerox copy	Y
10	List of examiners - HoD signed Xerox copy	Y
11	Cycle chart to known the batch size of experiments setup –	Y
12	prepared and signed by faculty in charge	Y
13	Lab occupancy chart (including names of Lab, faculty in charges and support staff)	Y
14	- prepared and signed by Lab in charge	Y
15	List of Major equipment - prepared and signed by Lab in charge	Y
16	List of the equipment(S.No., Description, suppliers, Date of purchase, Unit price,	Y
17	quantity, total) - prepared and signed by lab in charge	Y
18	List of Labeling/Number code of the equipment –	Y
19	prepared and signed by faculty in charge	Y

REGISTER/DOCUMENTS

S.NO.	NAME OF THE REGISTER/DOCUMENTS	Y/N
1	Stock Register (which includes date of purchase, supplier, Indent, GRN, bill number)	Y
2	-prepared and signed by Lab in charge	Y
3	Maintenance register(allocate minimum one page for each equipment)	Y
4	- prepared and signed by Lab in charge	Y
5	Consumables register(allocate minimum one page for each equipment)	Y
6	- prepared and signed by Lab in charge	Y
7	Student Log-in Register -prepared and signed by Lab in charge	Y
8	Service/Repair register - prepared and signed by Lab in charge	Y
9	Equipment operation manual provided by the manufacturer	Y
10	File of filled indents forms/Register - prepared and signed by faculty in charge	Y

INSTITUTION VISION

To be a premier Institution in Engineering & Technology and Management with competence , values and social consciousness.

INSTITUTION MISSION

IM_1 Provide high quality academic programs, training activities and research facilities.

IM_2 Promote continuous Industry-Institute interaction for employability, Entrepreneurship, leadership and research aptitude among stakeholders.

IM_3 Contribute to the economical and technological development of the region, state and nation.

PRINCIPAL

DEPARTMENT VISION

To be a technologically adaptive centre for computing by grooming the students as topnotch professionals.

DEPARTMENT MISSION

The Department has following Missions:

DM_1 To offer quality education in computing.

DM_2 To provide an environment that enables overall development of all the stakeholders.

DM_3 To impart training on emerging technologies.

DM_4 To encourage participation of stakeholders in research and development.

Head of the Department

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

PROGRAM OUTCOMES (POs) & PROGRAM SPECIFIC OUTCOMES (PSOs)

PO	Description
PO 1	**Engineering Knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO 2	**Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO 3	**Design / development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO 4	**Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO 5	**Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
PO 6	**The engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO 7	**Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO 8	**Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice
PO 9	**Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO 10	**Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO 11	**Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO 12	**Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological Change
Program Specific Outcomes	
PSO 1	Develop software projects using standard practices and suitable programming environment.
PSO 2	Identify, formulate and solve the real life problems faced in the society, industry and other areas by applying the skills of the programming languages, networks and databases learned.
PSO 3	Apply computer science knowledge in exploring and adopting latest technologies in various inter-disciplinary research activities.

Head of the Department

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Program Educational Objectives (PEOs)

Program:B. Tech –Electronics & Communication Engineering

PEO 1: Higher Studies : Graduate with an ability to pursue higher studies and get employment in reputed institutions and organizations.

PEO 2: Domain Knowledge: Graduate with an ability to design and develop a product.

PEO 3: Professional Career: Graduate with excellence by multidisciplinary approach to achieve successful professional career.

PEO 4: Lifelong Learning: : Graduate with an ability to learn advanced skills to face professional competence through life long learning.

Head of the Department

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Academic Year: 2022-23 B.Tech I Year I Sem

COs MAPPING WITH POs & PSOs

(R22CSE1128) PROGRAMMING FOR PROBLEM SOLVING LAB

Course Outcomes:

Upon a successful completion of this course, the student will be able to:

C116.1. Formulate algorithms/flowcharts there by translating them into programs using variables with various data types , looping and selection statements.

C116.2. Implement logic building techniques using control statements and arrays

C116.3. Construct modular and structure programming using functions, strings and structures.

C116.4. Analyze the iteration with recursion and implementation macros .

C116.5. Illustration of pointers and implement memory management tecniques and file handling approach.

C116.6. Implement search and sort operations on arrays.

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO1 2	PSO 1	PSO 2	PSO 3
C116.1	2	2	2	-	3	-	-	-	1	-	-	-	1	2	-
C116.2	1	2	2	-	3	-	-	-	-	-	-	-	1	1	-
C116.3	1	2	2	1	3	-	-	-	1	-	-	-	-	1	-
C116.4	1	2	2	1	3	-	-	-	1	-	-	-	1	1	-
C116.5	1	2	2	1	3	-	-	-	-	-	-	-	-	-	-
C116.6	1	2	2	1	3	-	-	-	-	-	-	-	-	-	-
C116	1.16	2	2	0.66	3	-	-	-	0.5	-	-	-	0.5	0.83	-

Course Articulation matrix

High (3): modern tools can be developed using pointers

Medium (2): Analyzing the problem and gives solution using problem solving techniques.

Low (1): gains knowledge for solving different kind of problems.

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

ACADEMIC CALENDAR 2022-2023

SRI INDU COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution under UGC, New Delhi)
Recognized under 2(f) and 12(B) of UGC Act 1956
NBA Accredited, Approved by AICTE and Permanently affiliated to JNTUH
Sheriguda (V), Ibrahimpatnam, R.R.Dist, Hyderabad - 501 510

D4
BR-22

Lr.No.SICET/AUTO/DAE/BR-22/Academic Cal./655/2022 Date: 27.10.2022

I B.TECH. ACADEMIC CALENDAR
ACADEMIC YEAR : 2022-2023

Dr.G. SURESH,
Principal,

To,
All the HODs
Sir,

Sub: SICET (Autonomous) - Academic & Evaluation - Academic Calendar for **I B.Tech - I & II Semester** for the academic year **2022-23** – Reg.

****

The approved Academic Calendar for **I B.Tech – I & II Semester** for the academic year **2022-23** is given below:

I SEMESTER

S.NO.	EVENT	PERIOD	DURATION
1.	Induction & Orientation Programme	**03.11.2022**	
2.	1St Spell of Instructions for covering First Two and a half Units	03.11.2022 – 28.12.2022	8 Weeks
3.	I Mid Examinations	29.12.2022 – 04.01.2023	1 Week
4.	Submission of I Mid Term Examination Marks to the Autonomous Section on or before	10.01.2023	
5.	2nd Spell of Instructions for covering Remaining Two and a half Units	05.01.2023 – 02.03.2023	8 Weeks
6.	II Mid Examinations	03.03.2023 – 09.03.2023	1 Week
7.	Preparation & Practical Examinations and Remidial Mid Test (RMT)	10.03.2023 – 16.03.2023	1 Week
8.	Submission of II Mid Term Examination Marks Marks to the Autonomous Section on or before	16.03.2023	
9.	I Semester End Examinations	17.03.2023 – 01.04.2023	2 Weeks
	Commencement of Class-Work for I B.Tech - II Semester 03.04.2023		

II SEMESTER

S.NO.	EVENT	PERIOD	DURATION
1.	Commencement of II Sem Class Work	**03.04.2023**	
2.	1st Spell of Instructions for covering First Two and a half Units (Including Summer Vacation)	03.04.2023 – 10.06.2023	10 Weeks
	Summer Vacation	15.05.2023 – 27.05.2023	2 Weeks
3.	I Mid Examinations	12.06.2023 – 17.06.2023	1 Week
4.	Submission of I Mid Term Examination Marks to the Autonomous Section on or before	23.06.2023	
5.	2nd Spell of Instructions for covering Remaining Two and a half Units	19.06.2023 – 12.08.2023	8 Weeks
6.	II Mid Examinations	14.08.2023 – 19.08.2023	1 Week
7.	Preparation & Practical Examinations and Remidial Mid Test (RMT)	21.08.2023 – 26.08.2023	1 Week
8.	Submission of II Mid Term Examination Marks Marks to the Autonomous Section on or before	26.08.2023	
9.	II Semester End Examinations	28.08.2023 – 09.09.2023	2 Weeks
	Commencement of Class Work for II B.Tech – I Semester - 11.09.2023		

ACE **CE** **DEAN** **PRINCIPAL**

Copy to all the Heads of the Depts. and AO.

CONTROLLER OF EXAMINATIONS
Sri Indu College of Engineering & Technology
(An Autonomous Institution under JNTUH)
Sheriguda (V), Ibrahimpatnam, R.R. Dist-501510.

DIRECTOR
(Academic Audit)
Sri Indu College of Engineering & Technology
Sheriguda, IBP, R.R. Dist-501510.

PRINCIPAL
Sri Indu College of Engineering & Technology
(An Autonomous Institution Under JNTUH)
Sheriguda (V), Ibrahimpatnam, R.R. Dist-501510.

SRI INDU COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution under UGC, New Delhi)

B.Tech. - I Year – I Semester

L	T	P	C
0	0	2	1

(R22CSE1128) PROGRAMMING FOR PROBLEM SOLVING LABORATORY

[Note:The programs may be executed using any available Open Source/ Freely available IDE
Some of the Tools available are:
CodeLite: https://codelite.org/
Code:Blocks:
http://www.codeblocks.org/
DevCpp :
http://www.bloodshed.net/devcpp.htmlEclipse:
http://www.eclipse.org
This list is not exhaustive and is NOT in any order of preference]

Course Objectives: The students will learn the following:

- To work with an IDE to create, edit, compile, run and debug programs
- To analyze the various steps in program development.
- To develop programs to solve basic problems by understanding basic concepts in C likeoperators, control statements etc.
- To develop modular, reusable and readable C Programs using the concepts like functions,arrays etc.
- To Write programs using the Dynamic Memory Allocation concept.
- To create, read from and write to text and binary files

Course Outcomes: The candidate is expected to be able to:

- formulate the algorithms for simple problems
- translate given algorithms to a working and correct program
- correct syntax errors as reported by the compilers
- identify and correct logical errors encountered during execution
- represent and manipulate data with arrays, strings and structures
- use pointers of different types
- create, read and write to and from simple text and binary files
- modularize the code with functions so that they can be reused

Practice sessions:

a. Write a simple program that prints the results of all the operators available in C (including pre/post increment , bitwise and/or/not , etc.). Read required operand values from standard input.
b. Write a simple program that converts one given data type to another using auto conversion andcasting. Take the values from standard input.

Simple numeric problems:

a. Write a program for finding the max and min from the three numbers.
b. Write the program for the simple, compound interest.
c. Write a program that declares Class awarded for a given percentage of marks, where mark <40%= Failed, 40% to <60% = Second class, 60% to <70%=First class, >= 70% = Distinction.Read percentage from standard input.

d. Write a program that prints a multiplication table for a given number and the number of rows inthe table. For example, for a number 5 and rows = 3, the output should be:
e. 5 x 1 = 5
f. 5 x 2 = 10
g. 5 x 3 = 15
h. Write a program that shows the binary equivalent of a given positive number between 0 to 255.

Expression Evaluation:

a. A building has 10 floors with a floor height of 3 meters each. A ball is dropped from the top of the building. Find the time taken by the ball to reach each floor. (Use the formula s = ut+(1/2)at^2 where u and a are the initial velocity in m/sec (= 0) and acceleration in m/sec^2 (= 9.8 m/s^2)).
b. Write a C program, which takes two integer operands and one operator from the user, performs the operation and then prints the result. (Consider the operators +,-,*, /, % and use Switch Statement)
c. Write a program that finds if a given number is a prime number
d. Write a C program to find the sum of individual digits of a positive integer and test given numberis palindrome.
e. A Fibonacci sequence is defined as follows: the first and second terms in the sequence are 0 and 1. Subsequent terms are found by adding the preceding two terms in the sequence. Writea C program to generate the first n terms of the sequence.
f. Write a C program to generate all the prime numbers between 1 and n, where n is a value supplied by the user.
g. Write a C program to find the roots of a Quadratic equation.
h. Write a C program to calculate the following, where x is a fractional value.
i. 1-x/2 +x^2/4-x^3/6
j. Write a C program to read in two numbers, x and n, and then compute the sum of this geometricprogression: 1+x+x^2+x^3+ +x^n. For example: if n is 3 and x is 5, then the program computes 1+5+25+125.

Arrays, Pointers and Functions:

a. Write a C program to find the minimum, maximum and average in an array of integers.
b. Write a function to compute mean, variance, Standard Deviation, sorting of n elements in asingle dimension array.
c. Write a C program that uses functions to perform the following:
d. Addition of Two Matrices
e. Multiplication of Two Matrices
f. Transpose of a matrix with memory dynamically allocated for the new matrix as row and columncounts may not be the same.
g. Write C programs that use both recursive and non-recursive functions
h. To find the factorial of a given integer.
i. To find the GCD (greatest common divisor) of two given integers.
j. To find x^n
k. Write a program for reading elements using a pointer into an array and display the values usingthe array.
l. Write a program for display values reverse order from an array using a pointer.
m. Write a program through a pointer variable to sum of n elements from an array.

BR22 – B.TECH. –ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Files:

a. Write a C program to display the contents of a file to standard output device.
b. Write a C program which copies one file to another, replacing all lowercase characters withtheir uppercase equivalents.
c. Write a C program to count the number of times a character occurs in a text file. The file nameand the character are supplied as command line arguments.
d. Write a C program that does the following:
It should first create a binary file and store 10 integers, where the file name and 10 values aregiven in the command line. (hint: convert the strings using atoi function)
Now the program asks for an index and a value from the user and the value at that index shouldbe changed to the new value in the file. (hint: use fseek function)
The program should then read all 10 values and print them back
e. Write a C program to merge two files into a third file (i.e., the contents of the first file followedby those of the second are put in the third file).

Strings:

a. Write a C program to convert a Roman numeral ranging from I to L to its decimal equivalent.
b. Write a C program that converts a number ranging from 1 to 50 to Roman equivalent
c. Write a C program that uses functions to perform the following operations:
d. To insert a sub-string into a given main string from a given position.
e. To delete n Characters from a given position in a given string.
f. Write a C program to determine if the given string is a palindrome or not (Spelled same in both directions with or without a meaning like madam, civic, noon, abcba, etc.)
g. Write a C program that displays the position of a character ch in the string S or – 1 if S doesn'tcontain ch.
h. Write a C program to count the lines, words and characters in a given text.

Miscellaneous:

a. Write a menu driven C program that allows a user to enter n numbers and then choose between finding the smallest, largest, sum, or average. The menu and all the choices are to be functions. Use a switch statement to determine what action to take. Display an error message if an invalidchoice is entered.

b. Write a C program to construct a pyramid of numbers as follows:

```
1          *          1          1          *
1 2        * *        2 3        2 2        * *
1 2 3      * * *      4 5 6      3 3 3      * *
                                             *
                                 4 4 4 4    * *
                                             *
```

Sorting and Searching:

a. Write a C program that uses non recursive function to search for a Key value in a given
b. list of integers using linear search method.
c. Write a C program that uses non recursive function to search for a Key value in a given
d. sorted list of integers using binary search method.
e. Write a C program that implements the Bubble sort method to sort a given list of
f. integers in ascending order.
g. Write a C program that sorts the given array of integers using selection sort in descending order

h. Write a C program that sorts the given array of integers using insertion sort in ascending order
i. Write a C program that sorts a given array of names

TEXT BOOKS:

1. Jeri R. Hanly and Elliot B.Koffman, Problem solving and Program Design in C 7th Edition, Pearson
2. B.A. Forouzan and R.F. Gilberg C Programming and Data Structures, Cengage Learning, (3rdEdition)

REFERENCE BOOKS:

1. Brian W. Kernighan and Dennis M. Ritchie, The C Programming Language, PHI
2. E. Balagurusamy, Computer fundamentals and C, 2nd Edition, McGraw-Hill
3. Yashavant Kanetkar, Let Us C, 18th Edition, BPB
4. R.G. Dromey, How to solve it by Computer, Pearson (16th Impression)
5. Programming in C, Stephen G. Kochan, Fourth Edition, Pearson Education.
6. Herbert Schildt, C: The Complete Reference, Mc Graw Hill, 4th Edition
7. Byron Gottfried, Schaum's Outline of Programming with C, McGraw-Hill

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Academic year: 2022 - 2023

SUB Name: PROGRAMMING FOR PROBLEM SOLVING LAB
SUB CODE: R22CSE1128

TIME TABLE

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist
Department of Humanities & Sciences

I B.Tech I Semester CSE-A - TIME TABLE 2022-23

ROOM NO: F-201 w.e.f: 10-11-2022

Time/Day	9:40am-10:30am I	10:30-11:20am II	11:20-12:10pm III		12:40-01:45pm IV	1:45-2:50pm V	2:50-4:00pm VI
MON	PPS	← BEE LAB →		LUNCH	EC	M&C	COUNS
TUE	M&C	PPS	BEE		← CAEG →		
WED	← CAEG →				PPS	EC	M&C
THU	← EC LAB →				M&C	BEE	EC
FRI	PPS	M&C	EC		← Elements of CSE →		
SAT	BEE	PPS	EC		← PPS LAB →		

COURSE CODE	COURSE NAME	FACULTY NAME
M&C	Matrices And Calculus	Ch Ravali
EC	Engineering Chemistry	A Shiva Kumar
PPS	Programming for Problem Solving	D Mounika
BEE	Basic Electrical Engineering	G Sharada
CAEG	Computer Aided Engineering Graphics	B Vineeth
Elements of CSE	Elements of Computer Science & Engineering	Dr T Charan Singh
EC LAB	Engineering Chemistry Laboratory	A Shiva Kumar
PPS LAB	Programming for Problem Solving Laboratory	D Mounika
BEE LAB	Basic Electrical Engineering Laboratory	G Sharada
COUNS	Counseling	
CLASS COORDINATOR: A Shiva Kumar		TIME TABLE INCHARGE: B Vineeth

Head of the Department Principal

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist
Department of Humanities & Sciences

I B.Tech I Semester CSE-B - TIME TABLE 2022-23

ROOM NO: F-202 w.e.f: 10-11-2022

Time/Day	9:40am-10:30am I	10:30-11:20am II	11:20-12:10pm III		12:40-01:45pm IV	1:45-2:50pm V	2:50-4:00pm VI
MON	M&C	EC	BEE		PPS	← BEE LAB →	
TUE	← EC LAB →			L U N C H	PPS	BEE	EC
WED	← Elements of CSE →				EC	PPS	M&C
THU	← PPS LAB →				PPS	COUNS	M&C
FRI	← CAEG →				EC	M&C	PPS
SAT	BEE	EC	M&C		← CAEG →		

COURSE CODE	COURSE NAME	FACULTY NAME
M&C	Matrices And Calculus	Ch Ravali
EC	Engineering Chemistry	A Shiva Kumar
PPS	Programming for Problem Solving	K.S. Archana
BEE	Basic Electrical Engineering	N Ashlesha
CAEG	Computer Aided Engineering Graphics	B Vineeth
Elements of CSE	Elements of Computer Science & Engineering	Dr T Charan Singh
EC LAB	Engineering Chemistry Laboratory	A Shiva Kumar
PPS LAB	Programming for Problem Solving Laboratory	K.S. Archana
BEE LAB	Basic Electrical Engineering Laboratory	N Ashlesha
COUNS	Counseling	
CLASS COORDINATOR: A Shiva Kumar		TIME TABLE INCHARGE: B Vineeth

Head of the Department Principal

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist
Department of Humanities & Sciences

I B.Tech I Semester CSE-C - TIME TABLE 2022-23

ROOM NO: F-203 w.e.f: 10-11-2022

Time/Day	9:40am-10:30am I	10:30-11:20am II	11:20-12:10pm III	LUNCH	12:40-01:45pm IV	1:45-2:50pm V	2:50-4:00pm VI
MON	PPS	EC	M&C		← EC LAB →		
TUE	EC	M&C	PPS		BEE	← BEE LAB →	
WED	← PPS LAB →				M&C	BEE	PPS
THU	← CAEG →				BEE	COUNS	EC
FRI	M&C	EC	PPS		← CAEG →		
SAT	← Elements of CSE →				PPS	EC	M&C

COURSE CODE	COURSE NAME	FACULTY NAME
M&C	Matrices And Calculus	Ch Ravali
EC	Engineering Chemistry	U Sahithya Reddy
PPS	Programming for Problem Solving	Lavanya
BEE	Basic Electrical Engineering	G Sharada
CAEG	Computer Aided Engineering Graphics	K Vijaya Kumar
Elements of CSE	Elements of Computer Science & Engineering	Dr T Charan Singh
EC LAB	Engineering Chemistry Laboratory	U Sahithya Reddy
PPS LAB	Programming for Problem Solving Laboratory	Lavanya
BEE LAB	Basic Electrical Engineering Laboratory	G Sharada
COUNS	Counseling	

CLASS COORDINATOR: K Vijaya Kumar TIME TABLE INCHARGE: U Sahithya

Head of the Department Principal

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist
Department of Humanities & Sciences

I B.Tech I Semester CSE-D - TIME TABLE 2022-23

ROOM NO: F-204 w.e.f: 10-11-2022

Time/Day	9:40am-10:30am I	10:30-11:20am II	11:20-12:10pm III		12:40-01:45pm IV	1:45-2:50pm V	2:50-4:00pm VI
MON	← PPS LAB →			LUNCH	COUNS	PPS	M&C
TUE	← CAEG →				EC	M&C	PPS
WED	← EC LAB →				BEE	PPS	EC
THU	M&C	BEE	EC		← CAEG →		
FRI	EC	PPS	M&C		BEE	← BEE LAB →	
SAT	M&C	EC	PPS		← Elements of CSE →		

COURSE CODE	COURSE NAME	FACULTY NAME
M&C	Matrices And Calculus	Ch Ravali
EC	Engineering Chemistry	U Sahithya Reddy
PPS	Programming for Problem Solving	K.S. Archana
BEE	Basic Electrical Engineering	N Ashlesha
CAEG	Computer Aided Engineering Graphics	K Vijaya Kumar
Elements of CSE	Elements of Computer Science & Engineering	Dr T Charan Singh
EC LAB	Engineering Chemistry Laboratory	U Sahithya Reddy
PPS LAB	Programming for Problem Solving Laboratory	K.S. Archana
BEE LAB	Basic Electrical Engineering Laboratory	N Ashlesha
COUNS	Counseling	

CLASS COORDINATOR: K Vijaya Kumar TIME TABLE INCHARGE: U Sahithya

Head of the Department Principal

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

1st B.Tech 1st Semester CSE-A TIME TABLE 2022-23
INDIVIDUAL TIME TABLE: D.MOUNIKA

Time/ Day	9:40am-10:30am I	10:30am-11:20am II	11:20am-12:10pm III		12:40-01:30pm IV	1:30pm-2:20pm V	2:20pm-3:10pm VI	3:10pm-4:00pm VII
MON				L U N C H				
TUE								
WED								
THU								
FRI								
SAT					←----------PPS LAB------→			

Head of the Department **Principal**

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Sri Indu College of Engineering & Technology :: Sheriguda (V)/ R.R.Dist
Department of Humanities & Sciences

1st B.Tech 1st Semester CSE-B TIME TABLE 2022-23
INDIVIDUAL TIME TABLE: K.S.ARCHANA

Time/ Day	9:40am-10:30am I	10:30am-11:20am II	11:20am-12:10pm III		12:40-01:30pm IV	1:30pm-2:20pm V	2:20pm-3:10pm VI	3:10pm-4:00pm VII
MON	←----------PPS LAB------→			LUNCH				
TUE								
WED								
THU								
FRI								
SAT								

Head of the Department **Principal**

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Sri Indu College of Engineering & Technology :: Sheriguda (V)/ R.R.Dist
Department of Humanities & Sciences

1st B.Tech 1st Semester CSE-C TIME TABLE 2022-23
INDIVIDUAL TIME TABLE: G.ANITHA

Time/ Day	9:40am-10:30am I	10:30am-11:20am II	11:20am-12:10pm III	LUNCH	12:40-01:30pm IV	1:30pm-2:20pm V	2:20pm-3:10pm VI	3:10pm-4:00pm VII
MON								
TUE								
WED	<---------PPS-LAB ------→							
THU								
FRI								
SAT								

Head of the Department **Principal**

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Sri Indu College of Engineering & Technology :: Sheriguda (V)/ R.R.Dist
Department of Humanities & Sciences

1st B.Tech 1st Semester CSE-D TIME TABLE 2022-23
INDIVIDUAL TIME TABLE: K.S.ARCHANA

Time/ Day	9:40am-10:30am I	10:30am-11:20am II	11:20am-12:10pm III		12:40-01:30pm IV	1:30pm-2:20pm V	2:20pm-3:10pm VI	3:10pm-4:00pm VII
MON				L U N C H				
TUE								
WED								
THU								
FRI								
SAT	←----------PPS LAB------→							

Head of the Department **Principal**

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Academic year: 2021- 2022

Course: B.Tech. - I Year – I Semester (ECE)

SUB Name: PROGRAMMING FOR PROBLEM LAB (C116)
SUB CODE: R22CSE1128

LIST OF PROGRAMS

S.No	Name Of The Experiment
1	**a.** Write a simple program that prints the results of all the operators available in C (including pre/post increment , bitwise and/or/not , etc.). Read required operand values from standard input. **b.** Write a simple program that converts one given data type to another using auto conversion and casting. Take the values from standard input
2	**a.**Write a program for finding the max and min from the three numbers. **b.**Write the program for the simple, compound interest. **c.** Write a program that declares Class awarded for a given percentage of marks, where mark = 70% = Distinction. Read percentage from standard input **d.** Write a program that prints a multiplication table for a given number and the number of rows inthe table. For example, for a number 5 and rows = 3, the output should be: 5 x 1 = 5 5 x 2 = 10 5 x 3 = 15 **e.** Write a program that shows the binary equivalent of a given positive number between 0 to 255.
3	**a**.A building has 10 floors with a floor height of 3 meters each. A ball is dropped from the top of the building. Find the time taken by the ball to reach each floor. (Use the formula s = ut+(1/2)at^2where u and a are the initial velocity in m/sec (= 0) and acceleration in m/sec^2 (= 9.8 m/s^2)). **b**. Write a C program, which takes two integer operands and one operator from the user, performs the operation and then prints the result. (Consider the operators +,-,*, /, % and use Switch Statement). **c**. Write a program that finds if a given number is a prime number. **d**. . Write a C program to find the sum of individual digits of a positive integer and test given number is palindrome. **e**. A Fibonacci sequence is defined as follows: the first and second terms in the sequence are 0 and 1. Subsequent terms are found by adding the preceding two terms in the sequence. Write a C program to generate the first n terms of the sequence

	f. Write a C program to generate all the prime numbers between 1 and n, where n is a value supplied by the user. **g.** Write a C program to find the roots of a Quadratic equation. **h**. Write a C program to calculate the following, where x is a fractional value. 1-x/2 +x^2/4-x^3/6 **i**. Write a C program to read in two numbers, x and n, and then compute the sum of this geometric progression: 1+x+x^2+x^3+..... +x^n. For example: if n is 3 and x is 5, then the program computes 1+5+25+125.
4	**a.**Write a C program to find the minimum, maximum and average in an array of integers. **b.** Write a function to compute mean, variance, Standard Deviation, sorting of n elements in asingle dimension array. **c.**Write a C program that uses functions to perform the following: Addition of Two Matrices Multiplication of Two Matrices Transpose of a matrix with memory dynamically allocated for the new matrix as row and column counts may not be the same. **d.** Write C programs that use both recursive and non-recursive functions **e**. To find the factorial of a given integer. i. To find the GCD (greatest common divisor) of two given integers.To find x^n k. **f**.Write a program for reading elements using a pointer into an array and display the values using the array. **g**. Write a program for display values reverse order from an array using a pointer. **h**. Write a program through a pointer variable to sum of n elements from an array.
5	**a**.Write a C program to display the contents of a file to standard output device. **b**.Write a C program which copies one file to another, replacing all lowercase characters withtheiruppercase equivalents. **c**.Write a C program to count the number of times a character occurs in a text file. The file nameand thecharacter are supplied as command line arguments. d.Write a C program that does the following: It should first create a binary file and store 10 integers, where the file name and 10 values are given inthe command line. (hint: convert the strings using atoi function) Now the program asks for an index and a value from the user and the value at that index should be changed tothe new value in the file. (hint: use fseek function) The program should then read all 10 values and print them back e.Write a C program to merge two files into a third file (i.e., the contents of the first file followedby thoseof the second are put in the third file).
6	**a**. Write a C program to convert a Roman numeral ranging from I to L to its decimal equivalent. **b**. Write a C program that converts a number ranging from 1 to 50 to Roman equivalent **c**. Write a C program that uses functions to perform the following operations: To insert a sub-string into a given main string from a given position.

	To delete n Characters from a given position in a given string. **d**. Write a C program to determine if the given string is a palindrome or not (Spelled same in bothdirections with or without a meaning like madam, civic, noon, abcba, etc.) **e**. Write a C program that displays the position of a character ch in the string S or – 1 if S doesn_tcontain ch. **f.** Write a C program to count the lines, words and characters in a given text.
7	**a.** Write a menu driven C program that allows a user to enter n numbers and then choose between finding the smallest, largest, sum, or average. The menu and all the choices are to be functions. Use a switch statement to determine what action to take. Display an error message if an invalidchoice is entered. **b**. Write a C program to construct a pyramid of numbers as follows: 1 * 1 1 * 1 2 * * 2 3 2 2 * * 1 2 3 * * * 4 5 6 3 3 3 * * * 4 4 4 4 ** *
8	a. Write a C program that uses non recursive function to search for a Key value in a given list of integers using linear search method. b. Write a C program that uses non recursive function to search for a Key value in a given sorted list of integers using binary search method. c. Write a C program that implements the Bubble sort method to sort a given list of integers in ascending order. d. Write a C program that sortsthe given array of integers using selection sort in descending order e. Write a C program that sorts the given array of integers using insertion sort in ascending order f. Write a C program that sorts a given array of names.

Faculty in-charge

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Academic year: 2022 - 2023

Course: B.Tech. - I Year – I-Semester (AIDS)

SUB Name: PROGRAMMING FOR PROBLEM SOLVING LAB
SUB CODE: R22CSE1128

LIST OF EXPERIMENTS CYCLE WISE CHART

S.No	No. of Cycle	Name of the Experiment
1.	WEEK-1	1A.Write a simple program that prints the results of all the operators available in C (including pre/postincrement , bitwise and/or/not , etc.). Read required operand values from standard input.
2		2B.Write a simple program that converts one given data type to another using auto conversion and casting. Take the values from standard input
3	WEEK-2	2A.Write a program for finding the max and min from the three numbers.
4		2B.Write the program for the simple, compound interest.
5	WEEK-3	2C. Write a program that declares Class awarded for a given percentage of marks, where mark = 70% = Distinction. Read percentage from standard input
6		2D. Write a program that prints a multiplication table for a given number and the number of rows inthe table. For example, for a number 5 and rows = 3, the output should be:

		5 x 1 = 5 5 x 2 = 10 5 x 3 = 15
7		2E. Write a program that shows the binary equivalent of a given positive number between 0 to 255.
8	**WEEK-4**	3A. A building has 10 floors with a floor height of 3 meters each. A ball is dropped from the top of the building. Find the time taken by the ball to reach each floor. (Use the formula s = ut+(1/2)at^2where u and a are the initial velocity in m/sec (= 0) and acceleration in m/sec^2 (= 9.8 m/s^2)).
9		3B. Write a C program, which takes two integer operands and one operator from the user, performs the operation and then prints the result. (Consider the operators +,-,*, /, % and use Switch Statement).
10		3C. Write a program that finds if a given number is a prime number.
11	**WEEK-5**	3D. Write a C program to find the sum of individual digits of a positive integer and test given number is palindrome.
12		3E. . A Fibonacci sequence is defined as follows: the first and second terms in the sequence are 0 and 1. Subsequent terms are found by adding the preceding

		two terms in the sequence. Write a C program to generate the first n terms of the sequence
13		3F. Write a C program to generate all the prime numbers between 1 and n, where n is a value supplied by the user.
14	**WEEK-6**	3G.Write a C program to find the roots of a Quadratic equation.
15		3H. Write a C program to calculate the following, where x is a fractional value. 1-x/2 +x^2/4-x^3/6
16		3I. Write a C program to read in two numbers, x and n, and then compute the sum of this geometric progression: 1+x+x^2+x^3+..... +x^n. For example: if n is 3 and x is 5, then the program computes 1+5+25+125.
17	**WEEK-7**	4A. **.**Write a C program to find the minimum, maximum and average in an array of integers.
18		4B. **.** Write a function to compute mean, variance, Standard Deviation, sorting of n elements in asingle dimension array.
19		4C. Write a C program that uses functions to perform the following: Addition of Two Matrices Multiplication of Two Matrices Transpose of a matrix with memory dynamically allocated for the new matrix as row and column counts

		may not be the same.
20	**WEEK-8**	4D.Write C programs that use both recursive and non-recursive functions 4E. To find the factorial of a given integer. i. To find the GCD (greatest common divisor) of two given integers.To find x^n k.
21		4F.Write a program for reading elements using a pointer into an array and display the values using the array.
22	**WEEK-9**	4G. Write a program for display values reverse order from an array using a pointer.
23		4H. Write a program through a pointer variable to sum of n elements from an array
24		5A. Write a C program to display the contents of a file to standard output device.
25	**WEEK-10**	5B.Write a C program which copies one file to another, replacing all lowercase characters withtheiruppercase equivalents.
26		5C. Write a C program to count the number of times a character occurs in a text file. The file nameand thecharacter are supplied as command line arguments.

27		5D. Write a C program that does the following: It should first create a binary file and store 10 integers, where the file name and 10 values are given inthe command line. (hint: convert the strings using atoi function) Now the program asks for an index and a value from the user and the value at that index should be changed tothe new value in the file. (hint: use fseek function) The program should then read all 10 values and print them back
28	**WEEK-11**	5E.Write a C program that does the following: It should first create a binary file and store 10 integers, where the file name and 10 values are given inthe command line. (hint: convert the strings using atoi function) Now the program asks for an index and a value from the user and the value at that index should be changed tothe new value in the file. (hint: use fseek function) The program should then read all 10 values and print them back
29		6A.Write a C program to convert a Roman numeral ranging from I to L to its decimal equivalent
30		6B. Write a C program that converts a number ranging from 1 to 50 to Roman equivalent
31		6C. Write a C program that uses functions to perform

		the following operations: To insert a sub-string into a given main string from a given position. To delete n Characters from a given position in a given string.
32	**WEEK-12**	6D. Write a C program to determine if the given string is a palindrome or not (Spelled same in bothdirections with or without a meaning like madam, civic, noon, abcba, etc.)
33		6E. Write a C program that displays the position of a character ch in the string S or – 1 if S doesn_tcontain ch.
34	**WEEK-13**	6F. Write a C program to count the lines, words and characters in a given text.
35		7A. Write a menu driven C program that allows a user to enter n numbers and then choose between finding the smallest, largest, sum, or average. The menu and all the choices are to be functions. Use a switch statement to determine what action to take. Display an error message if an invalidchoice is entered.
36		7B. . Write a C program to construct a pyramid of numbers as follows: 1 * 1 1 * 1 2 * * 2 3 2 2 * * 1 2 3 * * * 4 5 6 3 3 3 * * *

		4 4 4 4 ** *
37	**WEEK-14**	8A. Write a C program that uses non recursive function to search for a Key value in a given list of integers using linear search method.
38		8B. Write a C program that uses non recursive function to search for a Key value in a given sorted list of integers using binary search method.
39		8C. Write a C program that implements the Bubble sort method to sort a given list of integers in ascending order.
40	**WEEK-15**	8D. Write a C program that sortsthe given array of integers using selection sort in descending order
41		8E. Write a C program that sorts the given array of integers using insertion sort in ascending order
42		8F. Write a C program that sorts a given array of names.

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Academic year: 2022 - 2023

Course: B.Tech. - I Year – I-Semester (CSE)

SUB Name: PROGRAMMING FOR PROBLEM SOLVING LAB
SUB CODE: R22CSE1128

NOTICE

This is to inform all the B.tech1St year 1st Semester students that your lab external exams (Regular) will be conducted on March8th-March17 th The schedule is given below.

BRANCH	NAME OF THE LABORATORY	NO. OF STUDENTS	REG. NO.	DATE OF EXAM	TIMINGS
CSE-A	PPS LAB	60			10:00AM - 1:00PM
CSE-B	PPS LAB	60			1:00 PM- 4:00PM
CSE-C	PPS LAB	60			10:00AM - 1:00PM
CSE-D	PPS LAB	60			1:00PM - 4:00PM

HOD **DEAN** **PRINCIPAL**

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Course: B.Tech. - I Year – I Semester (CSE)

SUB Name: PROGRAMMING FOR PROBLEM SOLVING LAB (C116)
SUB CODE: R22CSE1128

Lab Experiments setup Cycle chart

Roll no	week-1	week-2	week-3	week-4	week-5	week-6	week-7	week-8	week-9	week-10	week-11	week-12	week-13	week-14	week -15
22D41A0501-22D41A0564	Prg-1a	Prg-2a	Prg-2c	Prg-3a	Prg-3d	Prg-3g	Prg-4a	Prg-4d	Prg-4g	Prg-5b	Prg-5e	Prg-6b	Prg-6e	Prg-8a	Prg-8d
	Prg-1b	Prg-2b	Prg-2d	Prg-3b	Prg-3e	Prg-3h	Prg-4b	Prg-4e	Prg-4h	Prg-5c	Prg-5f	Prg-6c	Prg-7a	Prg-8b	Prg-8e
	Prg-1c		Prg-2e	Prg-3c	Prg-3f	Prg-3i	Prg-4c	Prg-4f	Prg-5a	Prg-5d	Prg-6a	Prg-6d	Prg-7b	Prg-8c	Prg-8f

Faculty in charge

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Academic year: 2022 - 2023

Course: B.Tech. - I Year – I Semester (ECE)

SUB Name: PROGRAMMING FOR PROBLEM SOLVING LAB (C116)
SUB CODE: R22CSE1128

Students Batches for Lab Experiments Section Wise

CSE-A SECTION

SL No.	Roll No.	Name
1	22D41A0501	ADUDODLA KAVYA
2	22D41A0502	ALUKA JASHWANTH
3	22D41A0503	ANANTHALA AKSHITHA
4	22D41A0504	ANANTHULA YOUGENDHAR
5	22D41A0505	ANUGU TEJA SRI REDDY
6	22D41A0506	APURI AKHILA
7	22D41A0507	ARUKONDA MADHUKUMAR
8	22D41A0508	B ASHRITHA REDDY
9	22D41A0509	B RAKESH NAIK
10	22D41A0510	BADDELA KAVYA
11	22D41A0511	BADDIPADIGE DAYAKAR
12	22D41A0512	BADHAVATH KALYAN
13	22D41A0513	BAIKANI SATYA VARA PRASAD
14	22D41A0514	BAIRU NAVADEEP
15	22D41A0515	BAKARAM PRANEETH REDDY
16	22D41A0516	BALE BHUVANA TERISHA
17	22D41A0517	BANDARU GOPI

18	22D41A0518	BANDARUPALLI RISHITHA
19	22D41A0519	BASWA ANUDEEP GOUD
20	22D41A0520	BATHULA POOJITHA
21	22D41A0521	BATHULA SRIKANTH
22	22D41A0522	BATTULA SAATWIK REDDY
23	22D41A0523	BEERAM SATHISH REDDY
24	22D41A0524	BIKUMANDLA ANUSHNA
25	22D41A0525	BISHAL NAG
26	22D41A0526	BODAPATI MADHURI PRIYA
27	22D41A0527	BODDU HARI PRASAD
28	22D41A0528	BOKKA AKHIL REDDY
29	22D41A0529	BOKKA SANTHOSHI REDDY
30	22D41A0530	BOKKA SASHI VARDHAN REDDY
31	22D41A0531	BOLLA NAGARAJU
32	22D41A0532	BOMMU SINDHUJA
33	22D41A0533	BONAGIRI AJAY VINCENT
34	22D41A0534	BONDHI DEEVAN
35	22D41A0535	BOYA GAGAN
36	22D41A0536	BOYAPALLY JEEVAN
37	22D41A0537	BUDIGAPAKA MANOJ KUMAR
38	22D41A0538	BURRI SIRI VENNALA
39	22D41A0539	BYROJU KAVYA SREE
40	22D41A0540	CHAGANTIPATI SAI SRI BHAVITHA
41	22D41A0541	CHANDAN SAIVIGNESH
42	22D41A0542	CHEKKA SAI RAM

43	22D41A0543	CHENAGONI DURGA BHAVANI
44	22D41A0544	CHENNOJU SUSHMA SWARAJ
45	22D41A0545	CHILUKA DIVYASREE
46	22D41A0546	CHINNAPALLY BALA KRISHNA
47	22D41A0547	CHINTAM PURNA CHANDRA REDDY
48	22D41A0548	CHINTHAKINDI AKSHITHA
49	22D41A0549	CHITHALOORI LAXMI NARASIMHA
50	22D41A0550	CICETTY VAISHNAVI
51	22D41A0551	DANAGOLLA SHIVA SHANKAR
52	22D41A0552	DANDE MITHIN
53	22D41A0553	DANDU SHASHANK REDDY
54	22D41A0554	DAPPILI HARSHITH REDDY
55	22D41A0555	DASIKA SRI VENU GOPALA KRISHNA MURTHY
56	22D41A0556	DESHAPAGA CHANDU
57	22D41A0557	DEVUDU SAI SIRISHA
58	22D41A0558	DEVULAPALLY DHANUNJAY GOUD
59	22D41A0559	DHANAVATH VARSHA
60	22D41A0560	DHARAVATH AKHILA
61	22D41A0561	DHONURI MADHUMATHI
62	22D41A0562	DOMMETI NAVYA
63	22D41A0563	DONDA RISHIKA
64	22D41A0564	EARLAPALLY SOHANA

CSE-B SECTION

SL No.	Roll No.	Name
1	22D41A0565	ELAKANTI NARESH
2	22D41A0566	ERROLLA AKHILESH
3	22D41A0567	ERROLLA RUCHITHA
4	22D41A0568	ERUKALA VAISHNAVI GOUD
5	22D41A0569	ETIKALA VISHNUVARDHAN
6	22D41A0570	G NARENDHAR
7	22D41A0571	GADDAM AKSHARA
8	22D41A0572	GADDAM GOUTHAM REDDY
9	22D41A0573	GADE BHARGAVI
10	22D41A0574	GALI NIHARIKA
11	22D41A0575	GANTELA PRAVEEN
12	22D41A0576	GOPANABOYINA LOKESH
13	22D41A0577	Goskonda sujith reddy
14	22D41A0578	GOVINDU RAVI TEJA
15	22D41A0579	GUDUR AKSHAYA REDDY
16	22D41A0580	GUNJI DIVYA
17	22D41A0581	GUNTI HANIRUDHVIKA
18	22D41A0582	GUNTUKA MAHESH CHANDRA
19	22D41A0583	GURJIGALLA MUNI PRASAD
20	22D41A0584	GURRAM AMANI
21	22D41A0585	GUTTI VIGNESHWAR REDDY
22	22D41A0586	J VAMSHI

23	22D41A0587	JAMMA AJAY KUMAR
24	22D41A0588	JANAPATI SRILATHA
25	22D41A0589	JANJIRALA JANEELA
26	22D41A0590	JARPULA SRAVANI
27	22D41A0591	JATTA KARTHIK
28	22D41A0592	JIDUGU VENU MADHAV
29	22D41A0593	K AKHILA
30	22D41A0594	KALAMOLU ARJUN KUMAR
31	22D41A0595	KAMARAJUGADDA RAMCHARAN
32	22D41A0596	KANDHI SAI TEJA
33	22D41A0597	KARRE SIDDARTHA
34	22D41A0598	KASULA ABHISHEK REDDY
35	22D41A0599	KATRE PRATHAMESH
36	22D41A05A0	KESAPRAGADA HARSHITHA
37	22D41A05A1	KETHAVATH KIRAN
38	22D41A05A2	KODURU NANDINI
39	22D41A05A3	KOILAKONDA SOWMYA
40	22D41A05A4	KOKA HINDU
41	22D41A05A5	KOLAN AKHIL REDDY
42	22D41A05A6	KOMMU SHIVA KRISHNA
43	22D41A05A7	KOMMU TARUN
44	22D41A05A8	KONDA MANASA
45	22D41A05A9	KONDAGUDURU UPENDAR
46	22D41A05B0	KONDAKINDHI SAIKIRAN REDDY
47	22D41A05B1	KONDAMADUGU RAHUL CHARY

48	22D41A05B2	KONDRU DEEKSHITHA
49	22D41A05B3	KORIVI SIMHADRI
50	22D41A05B4	KUMBHAM PRASHANTH GOUD
51	22D41A05B5	KUNCHALA HARI KRISHNA
52	22D41A05B6	KURAKULA PUJITHA
53	22D41A05B7	LAKAMTHOTI THIRUMALA TEJA
54	22D41A05B8	LATTUPALLY AKSHITHA REDDY
55	22D41A05B9	LAVUDYA NITHIN NAYAK
56	22D41A05C0	LINGAMALLA NAGESHWARI
57	22D41A05C1	LINGARAPU DIVYA
58	22D41A05C2	M CHAYA PRASANNA
59	22D41A05C3	M SAMITH
60	22D41A05C4	MADIGELA RAHUL
61	22D41A05C5	MAHEEN BEGUM
62	22D41A05C6	MAINAMPATI BHAVANI
63	22D41A05C7	MALDODDI SAI DIVYA
64	22D41A05C8	MALE VIVEKANANDA REDDY

CSE-C SECTION

S NO	ROLL NO	NAME
1	22D41A05C9	MANNEM VAMSHI
2	22D41A05D0	MARADANA SAI DHANUSH
3	22D41A05D1	MARAGANI CHAITHAN
4	22D41A05D2	MARAGANI VYSHNAVI
5	22D41A05D3	MARLA JHANSI
6	22D41A05D4	MARUTHI DIVYA
7	22D41A05D5	MEDARA VASU
8	22D41A05D6	MIRYALA RAVITEJA
9	22D41A05D7	MOHAMMAD JUNAID
10	22D41A05D8	MOHAMMAD KHALID
11	22D41A05D9	MOHAMMED ABDUL HUSSAIN
12	22D41A05E0	MOHAMMED FAIZAAN TOUQEER
13	22D41A05E1	MOLKAPURI SRAVAN KUMAR
14	22D41A05E2	MORISHETTI MANIRUPA
15	22D41A05E3	MUDAVATH MAHENDER
16	22D41A05E4	MUDDAM DEEKSHA GOUD
17	22D41A05E5	MUDDAM MAHESH
18	22D41A05E6	MUKKAMULA GANESH
19	22D41A05E7	MUKKAMULA SHIVA
20	22D41A05E8	MUKTHIPUDI CHINNARI
21	22D41A05E9	MUSKE SUDHARSHAN
22	22D41A05F0	NAKKA SAI DEEKSHITH

23	22D41A05F1	NAKKA SHALEM RAJU
24	22D41A05F2	NALABOLU ABHINAV REDDY
25	22D41A05F3	NALLA SAI KIRAN
26	22D41A05F4	NALLAVOLU JASHWANTH REDDY
27	22D41A05F5	NANDINI TERATI
28	22D41A05F6	NARALA KAVYA
29	22D41A05F7	NARAMDAS CHAITANYA
30	22D41A05F8	NAREDDY POOJITHA
31	22D41A05F9	NARSINGOJU DEEPTHI
32	22D41A05G0	NAVARU SAI LEKHANA
33	22D41A05G1	NAVVA LOKESH KUMAR
34	22D41A05G2	NELA PRANAY
35	22D41A05G3	NELAPUDI GREESHMA
36	22D41A05G4	NELLIKANTI LINGASWAMY
37	22D41A05G5	NENAVATH RAJENDAR
38	22D41A05G6	NENTA JAGAN
39	22D41A05G7	P NANDHINI
40	22D41A05G8	PABBATHI VAMSHI
41	22D41A05G9	PALLAM LISA VERONICA
42	22D41A05H0	PALTHI SANDESH
43	22D41A05H1	PALVAI NAVEEN KUMAR
44	22D41A05H2	PANDALA MANASA
45	22D41A05H3	PANGA SRINADH
46	22D41A05H4	PANGA VANI
47	22D41A05H5	PANTHAGANI SIDDHARTHA

48	22D41A05H6	PANUGANTI ASHOK
49	22D41A05H7	PARA GOPI
50	22D41A05H8	PATI NIVEDHITHA REDDY
51	22D41A05H9	PEDDA SAI ANNA DIVYA
52	22D41A05J0	PEDDIREDDY AMITHA REDDY
53	22D41A05J1	PERALA LAL SATHYA
54	22D41A05J2	PERALA SWETHA
55	22D41A05J3	PILLY ASHWITHA
56	22D41A05J4	POCHAMREDDY LAXMI NARASIMHA REDDY
57	22D41A05J5	POLAMPALLI NAVEEN
58	22D41A05J6	POLE PRAVEEN KUMAR
59	22D41A05J7	PONNALA VASUDEVA RAO
60	22D41A05J8	POOLA SHIVA SHANKAR
61	22D41A05J9	POTHURAJU BHAVYASRI
62	22D41A05K0	PUNYAMURTHY MEGHANA
63	22D41A05K1	R DURGA BHAVANI
64	22D41A05K2	RACHARLA SHREEHARSHITHA

CSE-D SECTION

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

S NO	ROLL NO	NAME
1	22D41A05K3	RAMAVATH ANIL KUMAR
2	22D41A05K4	RAPOLU VISHNU VARDHAN
3	22D41A05K5	RASAMALLA ARAVIND KUMAR
4	22D41A05K6	REDDICHARLA AKHIL VARMA
5	22D41A05K7	REDDY REDDY ANKITHA
6	22D41A05K8	REHANA KHATOON
7	22D41A05K9	REKHA PAVAN
8	22D41A05L0	REKHA VENKATESH
9	22D41A05L1	RESHMA BEGUM
10	22D41A05L2	SADALA VARSHITHA REDDY
11	22D41A05L3	SAI VARSHITH VIRAT
12	22D41A05L4	SAMA NIHARIKA GOUD
13	22D41A05L5	SANA BEGUM
14	22D41A05L6	SANGANI SAI TEJA REDDY
15	22D41A05L7	Sarigundla parusharamulu
16	22D41A05L8	SEELA ANAND
17	22D41A05L9	SHAIK ANWAR PASHA
18	22D41A05M0	SHAIK ASIF
19	22D41A05M1	SHAIK DILAWAR
20	22D41A05M2	SHAIK KHALEEL
21	22D41A05M3	SHAIK SHAHEEN
22	22D41A05M4	SHEELA ARCHANA
23	22D41A05M5	SHEELAM NAGESH
24	22D41A05M6	SHEGURU CHANDRAKANTH REDDY

25	22D41A05M7	SHERI JASWITHA
26	22D41A05M8	SHIGIRI SAI CHANDANA
27	22D41A05M9	SRIPATHI CHARAN REDDY
28	22D41A05N0	SUDHAVENI RISHIK
29	22D41A05N1	SULTHAN SUSHMA
30	22D41A05N2	SUNKARI LOKESH VARMA
31	22D41A05N3	SURVI HARINI
32	22D41A05N4	SURYA PREMVARDHAN GOUD
33	22D41A05N5	TANNIRU ANUSHA
34	22D41A05N6	TELUGU INDU
35	22D41A05N7	THAISIN
36	22D41A05N8	THANGELLA RUPA
37	22D41A05N9	THENGELLAPALLI ABHINAV
38	22D41A05P0	THOKALA NAVATEJA
39	22D41A05P1	THUMMALAPALLY NEHA
40	22D41A05P2	UDUTHA GAYATHRI
41	22D41A05P3	UPPARA VIJAY KUMAR
42	22D41A05P4	V VASU KUMAR
43	22D41A05P5	VADTHYA MOUNIKA
44	22D41A05P6	VAISHNAVI THIGALA
45	22D41A05P7	VAKITI ANVESH
46	22D41A05P8	VANGALA ADITHYA REDDY
47	22D41A05P9	VEMUNURI PRATHYUSHA
48	22D41A05Q0	VUPPULA VINAY KUMAR REDDY
49	22D41A05Q1	YADAVELLI RAGHU CHARAN

		GOUD
50	22D41A05Q2	YALLANKI VENKAT SHIVA GOUD
51	22D41A05Q3	YANALA CHARAN REDDY
52	22D41A05Q4	YATA BHAVYA
53	22D41A05Q5	YEDLA SPOORTHY
54	22D41A05Q6	YELGASKANPET SAI KOUSHIK
55	22D41A05Q7	YOGANTI MANIKANTH GOUD
56	22D41A05Q8	KEESARI BHAVANI REDDY
57	22D41A05Q9	KUDUMULA SHASHANK YADAV
58	22D41A05R0	SHAIK AADIL HUSSAIN
59	22D41A05R1	R PRANAV YADAV
60	22D41A05R2	CHILUKA RAGHAVENDRA
61	22D41A05R3	BALAM LAKSHMAN
62	22D41A05R4	BUSSU RAMYA REDDY
63	22D41A05R5	VATTIPALLY SURYA TEJA REDDY
64	22D41A05R6	RAMAVATH ANIL KUMAR

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Course: B.Tech. - I Year – I-Semester (CSE)

SUB Name: PROGRAMMING FOR PROBLEM SOLVING LAB
SUB CODE: R22CSE1128

PPS LAB Occupancy TIME TABLE-Lab

TIME/ DAY	9:40am to 10:30am	10:30am to 11:20am	11:20am to 12:10pm	12:10 pm to 12:40 pm	12:40pm to 1:30pm	1:30pm to 2:20pm	2:20pm to 3:10pm	3:10pm to 4:00pm
MON				**LUNCH**				
TUE	CSE-B							
WED	CSE-C							
THUR								
FRI								
SAT	CSE-D					CSE-A		

LAB OCCUPANCY		**Lab-1(First year Block)**
A Section	**Faculty Incharge:**	D. Mounika
	Lab assistant:	E.Rajender
B Section	**Faculty Incharge:**	K.S.Archana
	Lab assistant:	E.Rajender
C Section	**Faculty Incharge:**	G.Anitha
	Lab assistant:	E.rajender
D Section	**Faculty Incharge:**	K.S.Archana
	Lab assistant:	E.rajender

Lab In charge

Academic Year: 2022-23

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Course: B.Tech. - I Year – I Semester (CSE)

SUB Name: PROGRAMMING FOR PROBLEM SOLVING LAB
SUB CODE: R22CSE1128

S.No	Roll Number	1st Internal Exam					2 nd Internal Exam				
	Max Marks										
		TEST (10)	D2D (10)	VIVA (10)	Lab project (10)	TOTAL (40)	TEST (10)	D2D (10)	VIVA (10)	Lab project (10)	TOTAL (40)
1	22D41A0501										
2	22D41A0502										
3	22D41A0503										
4	22D41A0504										
5	22D41A0505										
6	22D41A0506										
7	22D41A0507										
8	22D41A0508										
9	22D41A0509										
10	22D41A0510										
11	22D41A0511										
12	22D41A0512										
13	22D41A0513										
14	22D41A0514										
15	22D41A0515										
16	22D41A0516										
17	22D41A0517										

18	22D41A0518										
19	22D41A0519										
20	22D41A0520										
21	22D41A0521										
22	22D41A0522										
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24	22D41A0524										
25	22D41A0525										
26	22D41A0526										
27	22D41A0527										
28	22D41A0528										
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63	22D41A0563										
64	22D41A0564										
65	22D41A0565	7	10	6	10	33	8	10	8	10	36

66	22D41A0566	8	10	6	10	34	AB	AB	AB	AB	AB
67	22D41A0567	8	10	6	10	34	8	10	6	10	34
68	22D41A0568	9	10	8	10	37	9	10	7	10	36
69	22D41A0569	9	10	6	10	35	5	10	6	10	31
70	22D41A0570	9	10	8	10	37	8	10	8	10	36
71	22D41A0571	9	10	7	10	36	7	10	10	10	37
72	22D41A0572	9	10	7	10	36	9	10	5	10	34
73	22D41A0573	9	10	6	10	35	7	10	6	10	33
74	22D41A0574	9	10	8	10	37	6	10	8	10	34
75	22D41A0575	7	10	5	10	32	AB	AB	AB	AB	AB
76	22D41A0576	8	10	8	10	36	7	10	8	10	35
77	22D41A0577	9	10	9	10	38	10	10	10	10	40
78	22D41A0578	8	10	7	10	35	8	10	6	10	34
79	22D41A0579	9	10	8	10	37	6	10	6	10	32
80	22D41A0580	10	10	7	10	37	7	10	6	10	33
81	22D41A0581	9	10	7	10	36	6	10	5	10	31
82	22D41A0582	7	10	7	10	34	6	10	6	10	32
83	22D41A0583	8	10	5	10	33	8	10	6	10	34
84	22D41A0584	9	10	7	10	36	8	10	9	10	37
85	22D41A0585	7	10	5	10	32	5	10	6	10	31
86	22D41A0586	8	10	3	10	31	6	10	5	10	31
87	22D41A0587	8	10	4	10	32	8	10	6	10	34
88	22D41A0588	8	10	5	10	33	6	10	8	10	34
89	22D41A0589	8	10	7	10	35	9	10	7	10	36

90	22D41A0590	7	10	5	10	32	10	10	6	10	36
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92	22D41A0592	8	10	7	10	35	9	10	10	10	39
93	22D41A0593	9	10	8	10	37	9	10	10	10	39
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96	22D41A0596	9	10	6	10	35	8	10	5	10	33
97	22D41A0597	8	10	7	10	35	10	10	10	10	40
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99	22D41A0599	8	10	3	10	31	9	10	10	10	39
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101	22D41A05A1	7	10	4	10	31	6	10	5	10	31
102	22D41A05A2	8	10	4	10	32	7	10	6	10	33
103	22D41A05A3	9	10	5	10	34	10	10	9	10	39
104	22D41A05A4	8	10	6	10	34	9	10	8	10	37
105	22D41A05A5	8	10	5	10	33	8	10	5	10	33
106	22D41A05A6	8	10	5	10	33	10	10	6	10	36
107	22D41A05A7	7	10	5	10	32	8	10	8	10	36
108	22D41A05A8	8	10	5	10	33	9	10	10	10	39
109	22D41A05A9	7	10	5	10	32	10	10	10	10	40
110	22D41A05B0	10	10	5	10	35	9	10	8	10	37
111	22D41A05B1	8	10	6	10	34	8	10	8	10	36
112	22D41A05B2	7	10	6	10	33	9	10	5	10	34
113	22D41A05B3	8	10	5	10	33	10	10	7	10	37

114	22D41A05B4	8	10	3	10	31	7	10	5	10	32
115	22D41A05B5	7	10	5	10	32	8	10	8	10	36
116	22D41A05B6	7	10	4	10	31	8	10	6	10	34
117	22D41A05B7	8	10	7	10	35	6	10	7	10	33
118	22D41A05B8	8	10	5	10	33	10	10	9	10	39
119	22D41A05B9	10	10	7	10	37	9	10	8	10	37
120	22D41A05C0	8	10	5	10	33	9	10	6	10	35
121	22D41A05C1	9	10	6	10	35	8	10	6	10	34
122	22D41A05C2	9	10	7	10	36	7	10	5	10	32
123	22D41A05C3	9	10	6	10	35	9	10	8	10	37
124	22D41A05C4	8	10	5	10	33	7	10	3	10	30
125	22D41A05C5	9	10	6	10	35	9	10	9	10	38
126	22D41A05C6	10	10	7	10	37	10	10	10	10	40
127	22D41A05C7	7	10	6	10	33	10	10	8		38
128	22D41A05C8	9	10	7	10	36	10	10	9		39
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132	22D41A05D2										
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138	22D41A05D8										
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194	22D41A05K4	6	10	6	10	32	8	10	5	10	33
195	22D41A05K5	7	10	7	10	34	6	10	6	10	32
196	22D41A05K6	6	10	5	10	31	8	10	6	10	34
197	22D41A05K7	7	10	10	10	37	9	10	6	10	35
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199	22D41A05K9	5	10	6	10	31	7	10	5	10	32
200	22D41A05L0	8	10	6	10	34	8	10	5	10	33
201	22D41A05L1	7	10	6	10	33	8	10	8	10	36
202	22D41A05L2	8	10	6	10	34	6	10	5	10	31
203	22D41A05L3	5	10	5	10	30	7	10	5	10	32
204	22D41A05L4	9	10	8	10	37	7	10	8	10	35
205	22D41A05L5	8	10	8	10	36	9	10	8	10	37
206	22D41A05L6	9	10	6	10	35	10	10	8	10	38
207	22D41A05L7	9	10	8	10	37	10	10	8	10	38

208	22D41A05L8	8	10	8	10	36	8	10	8	10	36
209	22D41A05L9	6	10	5	10	31	5	10	5	10	30
210	22D41A05M0	8	10	5	10	33	8	10	6	10	34
211	22D41A05M1	9	10	7	10	36	8	10	5	10	33
212	22D41A05M2	10	10	9	10	39	8	10	8	10	36
213	22D41A05M3	8	10	7	10	35	9	10	6	10	35
214	22D41A05M4	7	10	7	10	34	10	10	6	10	36
125	22D41A05M5	8	10	7	10	35	5	10	5	10	30
216	22D41A05M6	10	10	9	10	39	10	10	10	10	40
217	22D41A05M7	6	10	8	10	34	9	10	7	10	36
218	22D41A05M8	9	10	9	10	38	8	10	6	10	34
219	22D41A05M9	9	10	7	10	36	5	10	5	10	30
220	22D41A05N0	8	10	7	10	35	8	10	6	10	34
221	22D41A05N1	7	10	7	10	34	7	10	5	10	32
222	22D41A05N2	7	10	7	10	34	7	10	5	10	32
223	22D41A05N3	8	10	6	10	34	6	10	5	10	31
224	22D41A05N4	5	10	8	10	33	9	10	8	10	37
225	22D41A05N5	9	10	7	10	36	8	10	5	10	33
226	22D41A05N6	9	10	6	10	35	8	10	8	10	36
227	22D41A05N7	9	10	7	10	36	9	10	8	10	37
228	22D41A05N8	7	10	3	10	30	6	10	5	10	31
229	22D41A05N9	9	10	2	10	31	8	10	5	10	33
230	22D41A05P0	6	10	2	10	28	5	10	5	10	30
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233	22D41A05P3	8	10	5	10	33	9	10	7	10	36
234	22D41A05P4	6	10	6	10	32	8	10	5	10	33
235	22D41A05P5	7	10	2	10	29	5	10	5	10	30
236	22D41A05P6	8	10	6	10	34	8	10	6	10	34
237	22D41A05P7	7	10	9	10	36	8	10	5	10	33
238	22D41A05P8	8	10	9	10	37	7	10	5	10	32
239	22D41A05P9	7	10	9	10	36	8	10	6	10	34
240	22D41A05Q0	8	10	8	10	36	7	10	5	10	32
241	22D41A05Q1	8	10	8	10	36	9	10	7	10	36
242	22D41A05Q2	9	10	10	10	39	10	10	8	10	38
243	22D41A05Q3	10	10	10	10	40	9	10	6	10	35
244	22D41A05Q4	9	10	7	10	36	8	10	5	10	33
245	22D41A05Q5	9	10	10	10	39	10	10	8	10	38
246	22D41A05Q6	10	10	10	10	40	10	10	9	10	39
247	22D41A05Q7	7	10	6	10	33	7	10	7	10	34
248	22D41A05Q8	9	10	7	10	36	9	10	5	10	34
249	22D41A05Q9	9	10	8	10	37	9	10	8	10	37
250	22D41A05R0	10	10	8	10	38	7	10	5	10	32
251	22D41A05R1	9	10	9	10	38	10	10	9	10	39
252	22D41A05R2	8	10	9	10	37	9	10	5	10	34
253	22D41A05R3	10	10	8	10	38	8	10	5	10	33
254	22D41A05R4	8	10	6	10	34	9	10	5	10	34
255	22D41A05R5	7	10	6	10	33	8	10	6	10	34

256	22D41A05R6	10	10	8	10	38	8	10	5	10	33

List of Equipments

S.No	Name of the Equipments	Quantity

1	**Computer Systems: CPU, LCD Monitor,Intel core i3,2 GB RAM, 320 GB Harddisk**	**60**
2	**Turbo c' software**	**60**
3	**LAN**	**60**
4	**Projector**	**1**

LAB INCHARGE

Academic Year: 2022-2023

Course: B.Tech. - I Year – I Semester (CSE)

SUB Name: PROGRAMMING FOR PROBLEM SOLVING LAB (C116)
SUB CODE: R22CSE1128

List of Equipments for the Programming for problem solving lab-1 **As on Sept 2014**

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

	Name	Make	Date	Quantity	Unit Cost	Total Cost in Rs.	Installed
1	LED Projector	NEC	12/09/2014	1	22,586	22,586	17/09/2014
2	MONITOR	ACER	12/09/2014	60	21,333	1,279980	17/09/2014
3	CPU	ACER	12/09/2014	60			17/09/2014
4	KEYBOARD	-------	12/09/2014	60			17/09/2014
5	MOUSE	ACER	12/09/2014	60			17/09/2014
6	Computer cables 1	------	24/9/2018	80no's	8.47	677	30/9/2018
7	Vga Cable 10mts	--------	24/9/2018	1	423	423	30/9/2018
8	Focus Celling Mount kit	--------	12/09/2014	1	485	485	17/09/2014
9	Focus cable VGS-15mts	-----	12/09/2014	1	1,449	1,449	17/09/2014
TOTAL:1,305,600							

Academic Year: 2022-23

Course: B.Tech. - I Year – I Semester (CSE)

SUB Name: PROGRAMMING FOR PROBLEM SOLVING LAB(116)
SUB CODE: R22CSE1128

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

List of Labeling /Number Code of the equipment:

SICET/H&S/PPSL/01	**SICET/H&S/PPSL/36**
SICET/H&S/PPSL/02	**SICET/H&S/PPSL/37**
SICET/H&S/PPSL/03	**SICET/H&S/PPSL/38**
SICET/H&S/PPSL/04	**SICET/H&S/PPSL/39**
SICET/H&S/PPSL/05	**SICET/H&S/PPSL/40**
SICET/H&S/PPSL/06	**SICET/H&S/PPSL/41**
SICET/H&S/PPSL/07	**SICET/H&S/PPSL/42**
SICET/H&S/PPSL/08	**SICET/H&S/PPSL/43**
SICET/H&S/PPSL/09	**SICET/H&S/PPSL/44**
SICET/H&S/PPSL/10	**SICET/H&S/PPSL/45**
SICET/H&S/PPSL/11	**SICET/H&S/PPSL/46**
SICET/H&S/PPSL/12	**SICET/H&S/PPSL/47**
SICET/H&S/PPSL/13	**SICET/H&S/PPSL/48**
SICET/H&S/PPSL/14	**SICET/H&S/PPSL/49**
SICET/H&S/PPSL/15	**SICET/H&S/PPSL/50**
SICET/H&S/PPSL/16	**SICET/H&S/PPSL/51**
SICET/H&S/PPSL/17	**SICET/H&S/PPSL/52**
SICET/H&S/PPSL/18	**SICET/H&S/PPSL/53**
SICET/H&S/PPSL/19	**SICET/H&S/PPSL/54**
SICET/H&S/PPSL/20	**SICET/H&S/PPSL/55**
SICET/H&S/PPSL/21	**SICET/H&S/PPSL/56**
SICET/H&S/PPSL/22	**SICET/H&S/PPSL/57**
SICET/H&S/PPSL/23	**SICET/H&S/PPSL/58**
SICET/H&S/PPSL/24	**SICET/H&S/PPSL/59**
SICET/H&S/PPSL/25	**SICET/H&S/PPSL/60**
SICET/H&S/PPSL/26	**SICET/H&S/PPSL/61**
SICET/H&S/PPSL/27	**SICET/H&S/PPSL/62**
SICET/H&S/PPSL/28	
SICET/H&S/PPSL/30	
SICET/H&S/PPSL/31	
SICET/H&S/PPSL/32	
SICET/H&S/PPSL/33	
SICET/H&S/PPSL/34	
SICET/H&S/PPSL/35	

Lab Incharge

Course: B.Tech. - I Year – I Semester (CSE)

SUB Name: PROGRAMMING FOR PROBLEM LAB (C116)
SUB CODE: R22CSE1128

Programming For Problem Solving Lab

SAFETY MEASURES

Study in the computer classroom is s priority for students. teachers. and parents. To ensure a safe computer classrooms. a list of procedures has been developed and provided to you in this student safety contract These procedures must be followed at all times.

These procedures must be followed at all times.

This contract is to be kept in your notebook as a constant remainder of the safety procedures.

1. General Safety Guidelines:

- All users of the laboratory are to follow the directions of Programmer/Laboratory Technician/ staff member.
- Students should not attempt to repair.open.tamper or interfere with any of the computer. printing cabling. air conditioning or other equipment in the laboratory.
- Please treat fellow users of the laboratory. and all equipment within the laboratory. with
- the appropriate level of care and respect.
- Turn of the computer once you are not using it.
- Do not plug in external devices without scanning them for computer viruses.

2. DO'S

- Know the location of the first aid box and the fire extinguisher and how to use them
- in case of an emergency.
- Read any broken plugs or exposed electrical wires to your faculty/laboratory programmer
- Immediately.

3. DONT's

- Do not open the system unit casing or monitor casing particularly when the power is
- turned on.Some internal components hold electric voltages of up to 1200volts. Which
- which can be fatal.

- Avoid stepping on electrical wires if any other computer cables.
- Do not touch. connect or disconnect any plug or cable without your faculty /laboratory
- Technician‘s permission
- Do not eat or drink in the laboratory.

PROIRAMMING FOR PROBLEM SOLVING LAB

INVENTORY LIST:

Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

S.No	Name of the inventory item	Quantity
1	Laboratory Instructions	1
2	List of equipment's board	1
3	Tube light	4
4	Types of electrical switched board	2
5	Tube lights	4
6	Fans	6
7	Safety guide line board	1
8	Program outcomes board	1
9	System configuration	1
10	List of experiments	1
11	Notice board	1

Lab In charge