SUMATHI REDDY
INSTITUTE OF TECHNOLOGY FOR WOMEN
Learning at its best
Affiliated to JNTUH - Approved by AICTE

No. SRITW/Prin/2019 Date: 21-09-2019

CIRCULAR

All the students are hereby informed that our college is offering value-added courses. Interested students can register their names with the respective course coordinator. A detailed brochure regarding the courses is available in the notice board.

Criteria for Certification: Attendance >=75% and marks secured >=70%.

: Imp dates:

Registrations opening date: 24-09-2019

Registrations closing date: 01-10-2019

Course start date: 19-10-2019

Course end date: 22-11-2019

Courses offered:

1. Computer fundamentals
2. Embedded Systems
3. Raspberry PI & other Peripheral Systems
4. Migration Techniques in Cloud Computing

Principal

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

Copy to

HOD (CSE, ECE, EEE, H&SC)

Administrative Officer

In-charge, Exam Branch

Library

Notice Board

To be read in classrooms

SUMATHI REDDY
INSTITUTE OF TECHNOLOGY FOR WOMEN
Learning at its best
Affiliated to JNTUH, Approved by AICTE

A Course on

EMBEDDED SYSTEMS

Organized by the Department of Electronics and Communication Engineering

Course Objectives:

- To introduce the Building Blocks of Embedded System.
- To Introduce Bus Communication in processors, Input/output interfacing.
- To impart knowledge in various processor scheduling algorithms.
- To introduce Basics of Real time operating system and example tutorials to discuss on one real time operating system tool.
- To understand embedded-system programming and apply that knowledge to design and develop embedded solutions.
- The course will introduce various interfacing techniques for popular input devices including sensors, output devices and communication protocols

Course Co-ordinator:

Mr.Ch.Siddhardha
Asst. Prof. CSE Dept

Venue:

Lecture Hall1: 117
Lecture Hall2: 118

For registration contact: 9885378822

Course start date: 19-10-2019
Course end date: 22-11-2019

Course Instructors:

1.Mr. A.Mahesh
Asst. Prof, CSE
2. Mr.D. Koteshwar Rao
Asst. Prof, ECE

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL 506 371 (TS)

Timings: 3:10PM-4:00PM

EMBEDDED SYSTEMS
Date: 19-10-2019 to 22-11-2019

Course Content

- Introduction to Embedded Systems and Computer Systems Terminology, Modular approach
- to Embedded System Design using Six-Box model: Input devices, output devices,
- embedded computer, communication block, host and storage elements and power supply.
- Microcontroller Based Embedded System Design, salient Features of Modern, Microcontrollers, elements of Microcontroller Ecosystem and their significance.
- Design of Power Supply for Embedded Systems, Linear Regulator Topologies, switching Power Supply Topologies. Power Supply Design Considerations for
- Embedded Systems.
- Introduction to MSP430 Microcontroller: MSP430 CPU Architecture, Programming Methods for MSP430, Introduction to Lunchbox Platform.
- **Fundamentals of Physical Interfacing**: Connecting Input Devices, switches, Keyboard and Output devices,LEDs, Seven Segment Displays (SSD)Advanced Physical Interfacing Driving load - high side, low side and H-bridge, multiplexing displays including Shaft encoder.
- Programming the MSP430, Basics of version control system – Git, Installing and using Code Composer Studio (CCS), Introduction to Embedded Interfacing LEDs and Switches with MSP430 using Digital Input and Output.
- MSP430 Clock and Reset System, MSP430Clock sources and distribution, Types of Reset sources. Handling Interrupts in MSP430, Writing efficient Interrupt Service Routine (ISR).
- Interfacing Seven Segment Displays and Liquid Crystal Displays with MSP430. Low Power Modes in MSP430, Introduction to MSP430 Timer Module and its Modes of Operation.
- Generating Pulse Width Modulation (PWM) using Timer Capture Mode, DC operation in MSP430, Interfacing analog inputs. Generating random numbers using LFSR and other methods. Adding DAC to MSP430, custom Waveform generation using MSP430.
- Timer Capture Modes, Measuring frequency and time period of external signals and events.
- **Serial Communication Protocols:** UART, SPI, I2C, Interfacing Universal Serial Communication Interface (USCI) Module of the MSP430 for UART Communication, Advanced Coding Exercises based on Interrupt driven Programming, Building an Electronics Project.
- Circuit Prototyping techniques, Designing Single Purpose Computers using Finite State Machine with Data path (FSMD) approach, MSP430 Based Project Design and Implementation. Recap of Course Coverage.

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

- **Interfacing of Motors:** Introduction to Motors, Types of Motors used in Embedded System, Programming & Controlling of motors in Embedded Systems, Timers & Counters Programming, Introduction to Timers & Counters, Difference between Timer and Counter, Description of SFR associated with Timers & Counters, Programming of Timers & Counters Serial Communication Programming, Introduction to Serial Communication,
- Types of Serial Communication, Description of SFR associated with Serial Communication
- Programming of UART, Interfacing Of ADC
- Introduction to ADC, Programming of ADC
- Sensor Interfacing: Introduction to sensing devices, Interfacing of IR Sensors, Interfacing of Temperature Sensor.
- Embedded Networking:I2C Bus Standard, Bluetooth, Zigbee, USB,UAR
- Linux Fundamentals & Device Driver Programming: Linux Fundamentals, Linux Command, Editors.
- Introduction to Device Driver: The Role of Device Driver, Kernel Module Vs. Application, Types of Device Driver, Character Driver, Block Driver & Network Driver

Course Outcomes

After completion of the course students will be able to learn

- About the embedded system design using a building block approach, which allows one to visualize the requirement of an embedded system and then to design it efficiently.
- The course will teach embedded system design using a microcontroller, namely Texas Instruments MSP430 low power microcontroller.
- The course will introduce various interfacing techniques for popular input devices including sensors, output devices and communication protocols.
- It will teach power supply design for embedded applications. It will also teach effective embedded programming techniques in C and how to maintain code using GIT.

S.R.I.T. FOR WOMEN * WARANGAL *

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

List of students Registered for Embedded Systems

Batch: 1 **Date: 19-10-2019 to 22-11-2019**

S. no	Roll no	Name of the Student
1	166Y1A0476	VEMULA SACHIVYA REDDY
2	166Y1A0477	VENUVANKA MANSI
3	166Y1A0478	VURLUGONDA SOUMYA
4	166Y1A0479	ZILPELLIWAR SREEJA
5	16C31A04D3	SUNKISHALA RACHANA
6	176Y5A0401	ALAKANTI SHUSHMA
7	176Y5A0402	ALUGOJU SPANDANA
8	176Y5A0403	EJJAGIRI ANUSHA
9	176Y5A0404	GORAD ASHWINI
10	176Y5A0405	MANTHRI SHASHIKALA
11	176Y5A0406	MODEM DIVYA
12	176Y5A0407	PABBU ANUSHA
13	176Y5A0408	SAMALA VYSHALI
14	176Y5A0409	SOORA SAI LAXMI
15	186Y5A0401	ADEPU DEEKSHA
16	186Y5A0402	ADEPU DEVIKA
17	186Y5A0404	CHALLA AKHILA
18	186Y5A0405	GANDRA SOUMYA
19	186Y5A0406	GUDIKANDULA PREETHI
20	186Y5A0407	JANGAM RASHMA
21	186Y5A0408	KADARI NETHRA
22	186Y5A0409	KATKURI DEEPIKA
23	186Y5A0410	KONDABOINA VENNELA
24	186Y5A0411	KOTHA PRANAYA
25	186Y5A0412	KOTHAKONDA PRIYADARSHINI
26	186Y5A0413	PINNINTI HIMABINDU
27	186Y5A0414	PONNAM GOUTHAMI
28	186Y5A0415	RANGU PRIYANKA
29	186Y1A05B2	TULA AKANKSHA
30	186Y1A05B3	UDUTHA DIVYA
31	186Y1A05B4	UTNOORI NITHYA SRI
32	186Y1A05B5	VEDA SRESHTA MADAVA PEDDI
33	186Y1A05B6	VENGALA VYSHNAVI

Ch. Siddhu

Course-coordinator

Rajar

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL 506 371 (TS)

Batch: 2 **Date: 19-10-2019 to 22-11-2019**

S. no	Roll No	Name of the Student
1	186Y1A05B7	VIJAYAGIRI SAI NIKITHA
2	196Y5A0501	ALIYA MEHREEN
3	196Y5A0502	AYESHA SULTHANA
4	196Y5A0503	BALASANI VENNELA
5	196Y5A0504	BODDUNA CHANDANA
6	196Y5A0505	CHINDAM AKANKSHA
7	196Y5A0506	MUSUKU PRAVALIKA
8	196Y1A05B6	VENNAMANENI DEEPIKA
9	196Y1A05B7	YADA SRIVALLI
10	196Y1A05B8	YERRABELLI SRINITHYA
11	196Y1A05B9	POGULA INDU
12	206Y5A0501	AKULA CHANDANA
13	206Y5A0502	KOTA SAI KASTURI
14	206Y5A0503	LAKKA PRIYA
15	206Y5A0504	MANDA SAI ANJANI
16	206Y5A0505	MOHAMMAD SHABANA ANJUM
17	206Y5A0506	PALIKA DIVYA DARSHINI
18	206Y5A0507	PANGA PAVANI
19	206Y5A0508	PASUNURI ESTHERA
20	206Y5A0509	SIRIMALL TRIVENI
21	206Y5A0510	VEMURI AKSHITHA
22	206Y1A0412	BOPPA AKHILA
23	206Y1A0413	BUDDHE SANGEETHA
24	206Y1A0414	BURLA HARIKA
25	206Y1A0415	CHERUKUPALLY KEERTHANA
26	206Y1A0416	CHINTHAREDDY DIVYASRI
27	206Y1A0417	DEVATHI MADHUMITHA
28	206Y1A0418	EMMADI SATHWIKA
29	206Y1A0419	ENUGALA SOUJANYA
30	206Y1A0420	GORANTALA HARSHITHA
31	206Y1A0421	GOURI PRIYA YAMSANI
32	206Y1A0422	GUMMADAVELLI DEEKSHITHA
33	206Y1A0423	HATKAR DEEPIKA
34	206Y1A0424	HUZAIFA GAZNAM
35	206Y1A0425	JAKKULA VAISHNAVI
36	206Y1A0426	JANAGANI BHAVANA
37	206Y1A0427	JANGALA LAXMI PAVANI
38	206Y1A0428	JERIPOTHULA CHANDANA
39	206Y1A0429	KADIVENDI POOJITHA
40	206Y1A0430	KALERU SAI SRUTHI
41	206Y1A0431	KOTHAKONDA HARIKA
42	206Y1A0432	KUCHANA AMULYA
43	206Y1A0433	MADASU MADHU SREE
44	206Y1A0434	MANDA AISHWARYA
45	206Y1A0435	MANDA KEERTHANA
46	206Y1A0723	YARA SAISRI

Course-coordinator

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

EMBEDDED SYSTEMS **BATCH-I** Academic year 2019-20 **Course Instructor : A.MAHESH**

DATE :			19/10	19/10	21/10	22/10	27/10	23/10	24/10	25/10	26/10	29/10	29/10	30/10	30/10	31/10	1/11	2/11	3/11	4/11	4/11	5/11	5/11	6/11	7/11	7/11	8/11	11/11	13/11	13/11	14/11	14/11
SNO	ROLL NO	NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	166Y1A0476	VEMULA SACHIVYA REDDY	1	2	A	3	4	5	6	7	8	A	9	10	11	12	13	14	15	16	17	18	A	19	20	21	22	23	24	25	26	27
2	166Y1A0477	VENUVANKA MANSI	1	2	3	4	5	A	6	7	8	9	10	11	12	A	13	14	15	16	17	18	19	20	21	22	A	23	24	25	26	27
3	166Y1A0478	VURLUGONDA SOUMYA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
4	166Y1A0479	ZILPELLIWAR SREEJA	1	2	3	4	A	5	6	7	8	A	9	10	11	12	13	14	15	A	16	17	18	19	20	21	22	23	24	25	26	27
5	16C31A04D3	SUNKISHALA RACHANA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
6	176Y5A0401	ALAKANTI SHUSHMA	1	2	3	4	5	6	7	8	9	10	11	12	A	13	14	A	15	16	17	18	19	20	A	21	22	23	24	25	26	27
7	176Y5A0402	ALUGOJU SPANDANA	1	2	A	3	4	5	6	A	7	8	9	10	11	12	13	14	15	16	A	17	18	19	20	21	21	23	24	25	26	27
8	176Y5A0403	EJJAGIRI ANUSHA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	A	21	22	23	24	25	26	27	28	29
9	176Y5A0404	GORAD ASHWINI	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10	176Y5A0405	MANTHRI SHASHIKALA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	A	16	17	18	19	20	21	22	23	24	25	26	27	28	29
11	176Y5A0406	MODEM DIVYA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	A	21	22	23	24	25	26	27	28	29
12	176Y5A0407	PABBU ANUSHA	1	2	3	A	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	25	26	27	28
13	176Y5A0408	SAMALA VYSHALI	1	2	3	4	A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14	176Y5A0409	SOORA SAI LAXMI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
15	186Y5A0401	ADEPU DEEKSHA	1	2	3	4	5	6	A	7	8	9	10	11	A	12	13	14	15	16	17	A	18	19	20	21	22	23	24	A	25	26
16	186Y5A0402	ADEPU DEVIKA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
17	206Y1A0432	KUCHANA AMULYA	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18	186Y5A0404	CHALLA AKHILA	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
19	186Y5A0405	GANDRA SOUMYA	A	1	2	3	4	5	6	7	8	9	10	11	12	13	A	14	15	16	17	18	19	20	21	A	22	23	24	25	26	27
20	186Y5A0406	GUDIKANDULA PREETHI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
21	186Y5A0407	JANGAM RASHMA	A	1	2	3	4	5	A	6	7	8	9	10	11	12	13	A	A	14	15	16	17	18	19	20	21	22	23	24	25	26
22	186Y5A0408	KADARI NETHRA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
23	186Y5A0409	KATKURI DEEPIKA	1	2	3	4	5	6	7	A	8	9	10	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
24	186Y5A0410	KONDABOINA VENNELA	1	2	3	4	5	6	7	5	9	10	11	12	13	14	15	A	16	17	18	19	20	21	22	23	24	A	25	26	27	28
25	186Y5A0411	KOTHA PRANAYA	1	2	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
26	186Y5A0412	KOTHAKONDA PRIYADARSHINI	1	2	3	4	5	A	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	A
27	186Y5A0413	PINNINTI HIMABINDU	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
28	186Y5A0414	PONNAM GOUTHAMI	1	2	3	A	4	5	6	7	8	9	10	11	12	13	14	15	A	16	A	18	19	20	21	22	23	24	25	26	27	A
29	186Y5A0415	RANGU PRIYANKA	1	2	3	4	5	6	A	7	8	9	10	11	12	13	14	15	16	17	18	A	19	20	21	22	23	24	25	26	27	28
30	186Y1A05B2	TULA AKANKSHA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	186Y1A05B3	UDUTHA DIVYA	A	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
32	186Y1A05B4	UTNOORI NITHYA SRI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
33	186Y1A05B5	VEDA SRESHTA MADAVA PEDDI	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	A	26	27	28

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL-506 371 (TS)

Academic Year 2019-20

EMBEDDED SYSTEMS **BATCH-1** **Course Instructor : A.MAHESH**

DATE :			15/11	16/11	19/11	20/11	29/11					0/0																			
SNO	ROLL NO	NAME	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
1	166Y1A0476	VEMULA SACHIVYA REDDY	28	29	30	31	32					91	%																			
2	166Y1A0477	VENUVANKA MANSI	28	A	29	30	31					88	%																			
3	166Y1A0478	VURLUGONDA SOUMYA	31	32	33	34	35					100	%																			
4	166Y1A0479	ZILPELLIWAR SREEJA	28	29	30	A	31					88	%																			
5	16C31A04D3	SUNKISHALA RACHANA	31	32	33	34	35					100	%																			
6	176Y5A0401	ALAKANTI SHUSHMA	28	29	30	31	A					88	%																			
7	176Y5A0402	ALUGOJU SPANDANA	28	29	30	31	32					91	%																			
8	176Y5A0403	EJJAGIRI ANUSHA	30	31	32	A	33					94	%																			
9	176Y5A0404	GORAD ASHWINI	30	31	32	33	34					97	%																			
10	176Y5A0405	MANTHRI SHASHIKALA	30	A	31	32	33					94	%																			
11	176Y5A0406	MODEM DIVYA	30	31	32	A	33					94	%																			
12	176Y5A0407	PABBU ANUSHA	29	30	31	A	32					91	%																			
13	176Y5A0408	SAMALA VYSHALI	30	31	32	33	34					97	%																			
14	176Y5A0409	SOORA SAI LAXMI	31	32	33	34	35					100	%																			
15	186Y5A0401	ADEPU DEEKSHA	27	28	A	29	30					85	%																			
16	186Y5A0402	ADEPU DEVIKA	31	32	33	34	35					100	%																			
17	206Y1A0432	KUCHANA AMULYA	30	31	32	33	34					97	%																			
18	186Y5A0404	CHALLA AKHILA	30	31	32	33	34					97	%																			
19	186Y5A0405	GANDRA SOUMYA	28	29	30	31	32					91	%																			
20	186Y5A0406	GUDIKANDULA PREETHI	31	32	A	33	34					97	%																			
21	186Y5A0407	JANGAM RASHMA	27	28	29	30	31					88	%																			
22	186Y5A0408	KADARI NETHRA	31	32	33	34	35					100	%																			
23	186Y5A0409	KATKURI DEEPIKA	29	30	31	32	33					94	%																			
24	186Y5A0410	KONDABOINA VENNELA	29	30	31	32	33					94	%																			
25	186Y5A0411	KOTHA PRANAYA	30	31	32	33	34					97	%																			
26	186Y5A0412	KOTHAKONDA PRIYADARSHINI	29	30	31	32	33					94	%																			
27	186Y5A0413	PINNINTI HIMABINDU	31	32	A	33	34					97	%																			
28	186Y5A0414	PONNAM GOUTHAMI	28	29	30	31	32					91	%																			
29	186Y5A0415	RANGU PRIYANKA	29	30	31	32	33					94	%																			
30	186Y1A05B2	TULA AKANKSHA	31	32	33	34	35					100	%																			
31	186Y1A05B3	UDUTHA DIVYA	28	29	30	31	32					91	%																			
32	186Y1A05B4	UTNOORI NITHYA SRI	31	32	33	34	35					100	%																			
33	186Y1A05B5	VEDA SRESHTA MADAVA PEDDI	A	29	30	31	32					91	%																			

Rajani

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

Ch. Siddhartha

Course Co-odinator

Academic Year 2019-20

EMBEDDED SYSTEMS — **BATCH-2** — Course Instructor : K.KOTESHWAR RAO

SNO	ROLL NO	NAME	DATE : 19/10	19/10	21/10	22/10	23/10	23/10	24/10	25/10	26/10	29/10	29/10	30/10	30/10	31/10	1/11	2/11	2/11	4/11	4/11	5/11	5/11	6/11	7/11	7/11	8/11	11/11	13/11	13/11	14/11	14/11
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	186Y1A05B7	VIJAYAGIRI SAI NIKITHA	1	2	3	4	A	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	A	22	23	24	25	26	27
2	196Y5A0501	ALIYA MEHREEN	1	A	2	3	4	5	6	A	7	8	9	10	11	A	12	13	14	15	16	17	18	19	20	21	22	23	A	24	25	26
3	196Y5A0502	AYESHA SULTHANA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	A
4	196Y5A0503	BALASANI VENNELA	1	2	3	4	5	6	7	8	A	9	10	11	12	13	14	A	15	16	17	18	19	20	21	22	23	24	A	25	26	27
5	196Y5A0504	BODDUNA CHANDANA	1	2	3	A	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	A	19	20	21	22	23	24	25	26	27
6	196Y5A0505	CHINDAM AKANKSHA	1	2	3	4	5	6	7	A	8	9	10	11	12	13	14	15	16	A	17	18	19	20	21	22	23	24	25	26	27	28
7	196Y5A0506	MUSUKU PRAVALIKA	1	2	3	A	4	5	6	7	8	9	10	A	11	12	13	14	15	16	A	17	18	19	20	21	22	23	A	24	25	26
8	196Y1A05B6	VENNAMANENI DEEPIKA	1	2	3	4	5	6	A	7	8	9	10	11	12	13	A	14	15	16	17	18	19	A	20	21	22	23	24	25	26	27
9	196Y1A05B7	YADA SRIVALLI	1	2	3	4	5	6	7	8	9	10	11	A	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10	196Y1A05B8	YERRABELLI SRINITHYA	1	2	3	4	A	5	6	7	8	9	10	11	12	A	13	14	15	16	A	17	18	19	20	21	22	A	23	24	25	26
11	196Y1A05B9	POGULA INDU	1	2	3	4	5	6	7	A	8	9	10	11	12	13	14	15	A	16	17	18	19	20	21	22	23	24	25	26	27	28
12	206Y5A0501	AKULA CHANDANA	1	2	3	A	4	5	6	7	8	9	10	A	11	12	13	14	15	16	A	17	18	19	20	21	22	23	24	25	26	27
13	206Y5A0502	KOTA SAI KASTURI	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	A	27	28
14	206Y5A0503	LAKKA PRIYA	1	2	3	4	5	6	A	7	8	9	10	11	12	13	14	A	15	16	17	18	19	20	21	22	23	24	25	26	27	28
15	206Y5A0504	MANDA SAI ANJANI	1	2	3	4	5	6	7	8	9	10	11	A	12	13	A	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
16	206Y5A0505	MOHAMMAD SHABANA ANJUM	1	2	3	4	5	6	7	8	A	9	10	11	12	13	A	14	15	16	17	A	18	19	20	21	22	23	A	24	25	26
17	206Y5A0506	PALIKA DIVYA DARSHINI	1	2	3	4	A	5	6	7	8	9	10	11	A	12	13	14	15	16	17	18	19	A	20	21	22	23	24	25	26	27
18	206Y5A0507	PANGA PAVANI	1	2	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	25	26	27	28
19	206Y5A0508	PASUNURI ESTHERA	1	2	3	4	A	5	6	7	8	9	10	11	12	13	A	14	15	16	17	18	19	A	20	21	22	23	24	25	26	27
20	206Y5A0509	SIRIMALL TRIVENI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
21	206Y5A0510	VEMURI AKSHITHA	1	2	A	3	4	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	A	23	24	25	26	27
22	206Y1A0412	BOPPA AKHILA	1	2	3	4	A	5	6	7	8	9	10	11	12	13	14	15	A	16	17	18	19	20	A	21	22	23	24	25	26	27
23	206Y1A0413	BUDDHE SANGEETHA	1	2	3	4	5	6	A	7	8	9	10	11	12	A	13	14	15	16	17	18	19	20	21	A	22	23	A	24	25	26
24	206Y1A0414	BURLA HARIKA	1	2	A	3	4	5	6	7	8	9	10	11	12	13	A	14	15	16	17	A	18	19	20	21	22	A	24	25	26	27
25	206Y1A0415	CHERUKUPALLY KEERTHANA	1	2	3	4	5	6	7	8	A	9	10	11	12	13	14	A	15	16	17	18	19	20	A	21	A	22	23	24	25	26
26	206Y1A0416	CHINTHAREDDY DIVYASRI	1	2	3	4	5	A	6	7	8	9	A	10	A	11	12	13	14	15	16	17	18	19	20	21	A	22	23	24	25	26
27	206Y1A0417	DEVATHI MADHUMITHA	1	2	3	4	5	6	7	8	9	10	11	12	A	13	14	15	16	17	18	19	20	A	21	22	A	23	24	A	25	26
28	206Y1A0418	EMMADI SATHWIKA	1	2	3	4	A	5	6	7	8	A	9	10	11	12	13	14	15	16	A	17	18	19	20	A	21	22	23	24	A	25	26
29	206Y1A0419	ENUGALA SOUJANYA	1	2	A	3	4	5	A	6	7	8	A	9	10	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
30	206Y1A0420	GORANTALA HARSHITHA	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	A	15	16	17	A	18	19	A	20	21	22	23	24	A	25
31	206Y1A0421	GOURI PRIYA YAMSANI	1	2	A	3	4	5	6	7	8	A	9	10	11	12	A	13	14	15	A	16	17	18	19	20	21	22	23	24	25	26
32	206Y1A0422	GUMMADAVELLI DEEKSHITHA	1	2	3	4	5	6	7	8	A	9	10	11	12	13	14	15	16	17	A	18	19	20	21	22	23	24	25	26	27	28
33	206Y1A0423	HATKAR DEEPIKA	1	2	3	4	5	6	7	8	A	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	25	26	27	28
34	206Y1A0424	HUZAIFA GAZNAM	1	2	A	3	4	5	6	7	8	9	10	11	A	12	13	14	15	A	16	17	18	19	20	A	21	22	23	24	A	25
35	206Y1A0425	JAKKULA VAISHNAVI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	A	18	19	20	21	22	A	23	24	A	25	26	27
36	206Y1A0426	JANAGANI BHAVANA	1	A	2	3	4	5	6	7	8	9	10	11	12	13	A	14	15	16	17	18	19	A	20	21	22	23	24	25	A	26

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL-506371(TS)

Academic year 2019-20

EMBEDDED SYSTEMS **BATCH-2** **Course Instructor : K.KOTESHWAR RAO**

DATE :			13/11	16/11	19/11	20/11	29/11		%																							
SNO	ROLL NO	NAME	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
1	186Y1A05B7	VIJAYAGIRI SAI NIKITHA	28	29	A	30	31		88																							
2	196Y5A0501	ALIYA MEHREEN	27	28	29	30	31		88																							
3	196Y5A0502	AYESHA SULTHANA	30	31	32	33	34		97																							
4	196Y5A0503	BALASANI VENNELA	28	29	30	31	32		91																							
5	196Y5A0504	BODDUNA CHANDANA	28	29	30	31	32		91																							
6	196Y5A0505	CHINDAM AKANKSHA	29	30	31	32	33		94																							
7	196Y5A0506	MUSUKU PRAVALIKA	27	28	29	30	31		88																							
8	196Y1A05B6	VENNAMANENI DEEPIKA	28	29	30	31	32		91																							
9	196Y1A05B7	YADA SRIVALLI	30	31	32	33	34		97																							
10	196Y1A05B8	YERRABELLI SRINITHYA	27	28	29	30	31		88																							
11	196Y1A05B9	POGULA INDU	29	30	31	32	33		94																							
12	206Y5A0501	AKULA CHANDANA	28	A	29	30	31		88																							
13	206Y5A0502	KOTA SAI KASTURI	29	30	31	32	33		94																							
14	206Y5A0503	LAKKA PRIYA	29	30	31	32	33		94																							
15	206Y5A0504	MANDA SAI ANJANI	29	30	31	32	33		94																							
16	206Y5A0505	MOHAMMAD SHABANA ANJUM	27	28	29	30	31		88																							
17	206Y5A0506	PALIKA DIVYA DARSHINI	28	29	30	31	32		91																							
18	206Y5A0507	PANGA PAVANI	29	30	31	32	33		94																							
19	206Y5A0508	PASUNURI ESTHERA	28	29	30	31	32		91																							
20	206Y5A0509	SIRIMALL TRIVENI	31	32	33	34	35		100																							
21	206Y5A0510	VEMURI AKSHITHA	28	29	30	31	32		91																							
22	206Y1A0412	BOPPA AKHILA	28	29	30	31	32		91																							
23	206Y1A0413	BUDDHE SANGEETHA	27	28	29	30	31		88																							
24	206Y1A0414	BURLA HARIKA	28	29	30	31	32		91																							
25	206Y1A0415	CHERUKUPALLY KEERTHANA	27	28	29	30	31		88																							
26	206Y1A0416	CHINTHAREDDY DIVYASRI	27	28	29	30	31		88																							
27	206Y1A0417	DEVATHI MADHUMITHA	27	28	29	30	31		88																							
28	206Y1A0418	EMMADI SATHWIKA	27	28	29	30	31		88																							
29	206Y1A0419	ENUGALA SOUJANYA	27	28	29	30	31		88																							
30	206Y1A0420	GORANTALA HARSHITHA	26	27	28	29	30		85																							
31	206Y1A0421	GOURI PRIYA YAMSANI	27	28	29	30	31		88																							
32	206Y1A0422	GUMMADAVELLI DEEKSHITHA	30	31	32	33	34		97																							
33	206Y1A0423	HATKAR DEEPIKA	29	30	31	32	33		94																							
34	206Y1A0424	HUZAIFA GAZNAM	26	27	28	29	30		85																							
35	206Y1A0425	JAKKULA VAISHNAVI	28	29	30	31	32		91																							
36	206Y1A0426	JANAGANI BHAVANA	27	28	29	30	31		88																							

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

Academic year 2019-20

EMBEDDED SYSTEMS — BATCH-2 — Course Instructor : K.KOTESHWAR RAO

DATE :			19/10	19/10	21/10	22/10	22/10	23/10	24/10	25/10	26/10	29/10	29/10	30/10	30/10	31/10	1/11	2/11	4/11	4/11	5/11	5/11	6/11	9/11	9/11	8/11	11/11	13/11	14/11	14/11	15/11	15/11
SNO	ROLL NO	NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
37	206Y1A0427	JANGALA LAXMI PAVANI	1	2	3	4	5	6	7	A	9	10	11	12	13	14	15	16	17	18	A	19	20	4	22	A	23	24	25	26	27	28
38	206Y1A0428	JERIPOTHULA CHANDANA	1	A	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	A	20	21	22	23	24	25	26	27
39	206Y1A0429	KADIVENDI POOJITHA	1	2	3	4	5	6	A	7	8	9	10	11	12	13	A	14	15	16	17	18	19	20	21	22	23	24	25	A	26	27
40	206Y1A0430	KALERU SAI SRUTHI	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
41	206Y1A0431	KOTHAKONDA HARIKA	1	2	3	4	A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	A	19	20	21	A	22	23	24	25	A	26
42	206Y1A0432	KUCHANA AMULYA	1	2	3	4	5	A	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	A	26	27
43	206Y1A0433	MADASU MADHU SREE	1	2	A	3	4	5	6	7	8	A	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	A	24	25	26	27
44	206Y1A0434	MANDA AISHWARYA	A	2	2	3	4	5	6	7	8	9	10	11	A	12	13	14	15	16	17	A	18	19	20	A	21	22	23	24	25	26
45	206Y1A0435	MANDA KEERTHANA	1	2	3	4	5	6	7	A	8	9	10	11	12	A	13	14	15	16	A	18	19	20	21	A	22	23	24	25	26	27
46	206Y1A0723	YERRA SAISREE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	A	21	22	23	24	25	26	27	A	28

Rejar

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

Academic Year 2019-20

EMBEDDED SYSTEMS | BATCH-2 | Course Instructor : K.KOTESHWAR RAO

DATE :			15/11	16/11	19/11	20/11	20/11		%																						
SNO	ROLL NO	NAME	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
37	206Y1A0427	JANGALA LAXMI PAVANI	29	30	31	32	33		94																							
38	206Y1A0428	JERIPOTHULA CHANDANA	28	29	30	31	32		91																							
39	206Y1A0429	KADIVENDI POOJITHA	28	29	30	31	32		91																							
40	206Y1A0430	KALERU SAI SRUTHI	30	31	32	33	34		97																							
41	206Y1A0431	KOTHAKONDA HARIKA	27	28	29	30	31		88																							
42	206Y1A0432	KUCHANA AMULYA	28	29	30	31	32		91																							
43	206Y1A0433	MADASU MADHU SREE	28	29	30	31	32		91																							
44	206Y1A0434	MANDA AISHWARYA	27	28	29	30	31		88																							
45	206Y1A0435	MANDA KEERTHANA	28	29	30	31	32		91																							
46	206Y1A0723	YERRA SAISREE	29	30	31	32	33		94																							

Ch. Siddaiah
Course Co-odinator

Rajan
Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

Students Eligible for Certification as per Eligibility Criteria

Course: Embedded Systems **Date: 19-10-2019 to 22-11-2019**

S.No	Roll number	Name	Marks
1	166Y1A0476	VEMULA SACHIVYA REDDY	20
2	166Y1A0477	VENUVANKA MANSI	22
3	166Y1A0478	VURLUGONDA SOUMYA	19
4	166Y1A0479	ZILPELLIWAR SREEJA	18
5	16C31A04D3	SUNKISHALA RACHANA	22
6	176Y5A0401	ALAKANTI SHUSHMA	22
7	176Y5A0402	ALUGOJU SPANDANA	20
8	176Y5A0403	EJJAGIRI ANUSHA	22
9	176Y5A0404	GORAD ASHWINI	19
10	176Y5A0405	MANTHRI SHASHIKALA	18
11	176Y5A0406	MODEM DIVYA	22
12	176Y5A0407	PABBU ANUSHA	22
13	176Y5A0408	SAMALA VYSHALI	20
14	176Y5A0409	SOORA SAI LAXMI	22
15	186Y5A0401	ADEPU DEEKSHA	19
16	186Y5A0402	ADEPU DEVIKA	18
17	206Y1A0432	KUCHANA AMULYA	22
18	186Y5A0404	CHALLA AKHILA	22
19	186Y5A0405	GANDRA SOUMYA	20
20	186Y5A0406	GUDIKANDULA PREETHI	22
21	186Y5A0407	JANGAM RASHMA	19
22	186Y5A0408	KADARI NETHRA	18
23	186Y5A0409	KATKURI DEEPIKA	22
24	186Y5A0410	KONDABOINA VENNELA	22
25	186Y5A0411	KOTHA PRANAYA	20
26	186Y5A0412	KOTHAKONDA PRIYADARSHINI	22
27	186Y5A0413	PINNINTI HIMABINDU	19
28	186Y5A0414	PONNAM GOUTHAMI	18
29	186Y5A0415	RANGU PRIYANKA	22
30	186Y1A05B2	TULA AKANKSHA	22
31	186Y1A05B3	UDUTHA DIVYA	20
32	186Y1A05B4	UTNOORI NITHYA SRI	22
33	186Y1A05B5	VEDA SRESHTA MADAVA PEDDI	19
34	186Y1A05B6	VENGALA VYSHNAVI	18
35	186Y1A05B7	VIJAYAGIRI SAI NIKITHA	22
36	196Y5A0501	ALIYA MEHREEN	22
37	196Y5A0502	AYESHA SULTHANA	20

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

38	196Y5A0503	BALASANI VENNELA	22
39	196Y5A0504	BODDUNA CHANDANA	19
40	196Y5A0505	CHINDAM AKANKSHA	18
41	196Y5A0506	MUSUKU PRAVALIKA	22
42	196Y1A05B6	VENNAMANENI DEEPIKA	22
43	196Y1A05B7	YADA SRIVALLI	20
44	196Y1A05B8	YERRABELLI SRINITHYA	22
45	196Y1A05B9	POGULA INDU	19
46	206Y5A0501	AKULA CHANDANA	18
47	206Y5A0502	KOTA SAI KASTURI	22
48	206Y5A0503	LAKKA PRIYA	22
49	206Y5A0504	MANDA SAI ANJANI	20
50	206Y5A0505	MOHAMMAD SHABANA ANJUM	22
51	206Y5A0506	PALIKA DIVYA DARSHINI	19
52	206Y5A0507	PANGA PAVANI	18
53	206Y5A0508	PASUNURI ESTHERA	22
54	206Y5A0509	SIRIMALL TRIVENI	22
55	206Y5A0510	VEMURI AKSHITHA	20
56	206Y1A0412	BOPPA AKHILA	22
57	206Y1A0413	BUDDHE SANGEETHA	19
58	206Y1A0414	BURLA HARIKA	18
59	206Y1A0415	CHERUKUPALLY KEERTHANA	22
60	206Y1A0416	CHINTHAREDDY DIVYASRI	22
61	206Y1A0417	DEVATHI MADHUMITHA	20
62	206Y1A0418	EMMADI SATHWIKA	22
63	206Y1A0419	ENUGALA SOUJANYA	19
64	206Y1A0420	GORANTALA HARSHITHA	18
65	206Y1A0421	GOURI PRIYA YAMSANI	22
66	206Y1A0422	GUMMADAVELLI DEEKSHITHA	22
67	206Y1A0423	HATKAR DEEPIKA	20
68	206Y1A0424	HUZAIFA GAZNAM	22
69	206Y1A0425	JAKKULA VAISHNAVI	19
70	206Y1A0426	JANAGANI BHAVANA	18
71	206Y1A0427	JANGALA LAXMI PAVANI	22
72	206Y1A0428	JERIPOTHULA CHANDANA	22
73	206Y1A0429	KADIVENDI POOJITHA	20
74	206Y1A0430	KALERU SAI SRUTHI	22
75	206Y1A0431	KOTHAKONDA HARIKA	19

Course-coordinator

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

SUMATHI REDDY
INSTITUTE OF TECHNOLOGY FOR WOMEN

Learning at its best

Affiliated to JNTUH - Approved by AICTE

166Y1A0477 V. Manasi

22/25

Test(Embedded Systems)

Duration: 1hr **Marks: 25**

1. Which design allows the reuse of the software and the hardware components? (C)
a) Memory Design b) Input design
c) Platform-based design d) Peripheral design

2) Which design considers both the hardware and software during the embedded design?(b)
a) Memory Design b) Software/ hardware co design
c) Platform-based design d) Peripheral design

3) What does API stand for? (a)
a) Application Programming Interface b) Address Programming Interface
c) Accessing peripheral through the interface d) none of them

4) Which process can be used in analyzing the set of possible designs? (b)
a) Scheduling b) Design space exploration
c) Hardware / Software partitioning d) Compilation

5) Which of the following can reduce the loop overhead and thus increase the speed?(a) ✗
a) Loop tiling b) Loop unrolling c) loop fusion d) loop permutation

6) Which part of the COOL input comprises information about the available hardware platform components? (c) ✗
a) Design constraints b) target technology
c) Behavior d) both behavior and design constraints

7) What does Index set L denotes? (d)
a) Task graph node b) processor
c) Hardware components d) task graph node type

8) Which design can be used to reduce the energy consumption of the embedded system? (b)
a) Simulator b) Compiler c) Emulator d) Debugger

9) Which model is based on precise measurements using real hardware? (b)
a) First power model b) Ence energy-aware compiler
c) Second Power Model d) Third power model

10) Which of the following function can interpret data in the C language? (a)
a)Scanf b) Printf c) File d) Proc

11) Which statement replaces all occurrences of the identifier with string? (b)
a) # include b) # define identifier string
b) c) # ifdef d) # define MACRO()

12) Which command takes the object file and searches library files to find the routine calls (a) ✗
a) Emulator b) Simulator c) Linker d) Debugger

Rajani

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

13) What describes the connections between the entity port and the local component? (d)
a)One-to-one map b) Many-to-one map c) One-to-many maps d) Port map

14) Which of the following is a C++ class library? (c)
a) C b) JAVA C) System C d) C++

15) Which model is used to denote the Boolean functions? (a)
a) gate-level model b) switch level c) layout model d) circuit level

16) Which of the following can compute the exact number of clock cycles require to run application? b
a)coarse-grained model b)layout model
c) register-transaction model d) fine-grained model

17) Under no-load conditions, the transmission line carrying a current because (d)
a) Heating effect b) Capacitance effect
c) Chemical effect d) Transmission effect

18) Which of the following is an abstraction of the signal impedance? (b)
a) Strength b) Nature c) Size d) Level

19) Which models communicate between the components? (b)
a) Fine-grained modeling b) transaction level modeling
c) circuit-level model d) coarse-grained modeling

20) Which of the given networks are based on the compensation theorem? (c)
a) Unilateral network b) Bilateral network
c) Linear and non-linear network d) Distributed network

21) How can one compute the power consumption of the cache? (b)
a) First power model b) Lee power model c) CACTI d) Third power model

22) Which C++ class is similar to the hardware description language like VHDL? (d)
a) Verilog b) C c) JAVA d) SystemC

23) Which of the following is an analog extension of the VHDL? (b)
a) System VHDL b) VHDL-AMS c) System Verilog d) Verilog

24) Which level simulates the algorithms that are used within the embedded systems? (c)
a) Circuit Level b) Gate Level
c) Algorithmic Level d) Switch Level

25) Which model is used to denote the Boolean functions? (a)
a) Simulator b) Strength c) Layout model d) circuit level

Rijan
Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

SUMATHI REDDY
INSTITUTE OF TECHNOLOGY FOR WOMEN

Learning at its best

Affiliated to JNTUH - Approved by AICTE

18GY5A0415 R. Priyanka

Test(Embedded Systems) 22/25

Duration: 1hr **Marks: 25**

1. Which design allows the reuse of the software and the hardware components? (c)
a) Memory Design b) Input design
c) Platform-based design d) Peripheral design

2) Which design considers both the hardware and software during the embedded design?(b)
a) Memory Design b) Software/ hardware co design
c) Platform-based design d) Peripheral design

3) What does API stand for? (c)
a) Application Programming Interface b) Address Programming Interface
c) Accessing peripheral through the interface d) none of them

4) Which process can be used in analyzing the set of possible designs? (b)
a) Scheduling b) Design space exploration
c) Hardware / Software partitioning d) Compilation

5) Which of the following can reduce the loop overhead and thus increase the speed?(b)
a) Loop tiling b) Loop unrolling c) loop fusion d) loop permutation

6) Which part of the COOL input comprises information about the available hardware platform components? (d)
a) Design constraints b) target technology
c) Behavior d) both behavior and design constraints

7) What does Index set L denotes? (a)
a) Task graph node b) processor
c) Hardware components d) task graph node type

8) Which design can be used to reduce the energy consumption of the embedded system? (b)
a) Simulator b) Compiler c) Emulator d) Debugger

9) Which model is based on precise measurements using real hardware? (b)
a) First power model b) Ence energy-aware compiler
c) Second Power Model d) Third power model

10) Which of the following function can interpret data in the C language? (a)
a)Scanf b) Printf c) File d) Proc

11) Which statement replaces all occurrences of the identifier with string? (b)
a) # include b) # define identifier string
b) c) # ifdef d) # define MACRO()

12) Which command takes the object file and searches library files to find the routine calls (a)
a) Emulator b) Simulator c) Linker d) Debugger

Priya

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

13) What describes the connections between the entity port and the local component? (d)
a)One-to-one map b) Many-to-one map c) One-to-many maps d) Port map

14) Which of the following is a C++ class library? (c)
a) C b) JAVA C) System C d) C++

15) Which model is used to denote the Boolean functions? (a)
a) gate-level model b) switch level c) layout model d) circuit level

16) Which of the following can compute the exact number of clock cycles require to run application?
a)coarse-grained model b)layout model
c) register-transaction model d) fine-grained model (b)

17) Under no-load conditions, the transmission line carrying a current because (d)
a) Heating effect b) Capacitance effect
c) Chemical effect d) Transmission effect

18) Which of the following is an abstraction of the signal impedance? (b)
a) Strength b) Nature c) Size d) Level

19) Which models communicate between the components? (b)
a) Fine-grained modeling b) transaction level modeling
c) circuit-level model d) coarse-grained modeling

20) Which of the given networks are based on the compensation theorem? (c)
a) Unilateral network b) Bilateral network
c) Linear and non-linear network d) Distributed network

21) How can one compute the power consumption of the cache? (b)
a) First power model b) Lee power model c) CACTI d) Third power model

22) Which C++ class is similar to the hardware description language like VHDL? (d)
a) Verilog b) C c) JAVA d) SystemC

23) Which of the following is an analog extension of the VHDL? (b)
a) System VHDL b) VHDL-AMS c) System Verilog d) Verilog

24) Which level simulates the algorithms that are used within the embedded systems? (c)
a) Circuit Level b) Gate Level
c) Algorithmic Level d) Switch Level

25) Which model is used to denote the Boolean functions? (a)
a) Simulator b) Strength c) Layout model d) circuit level

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

SUMATHI REDDY
INSTITUTE OF TECHNOLOGY FOR WOMEN
Learning at its best

Certificate

This is to certify that VURLUGONDA SOUMYA bearing roll number 166Y1A0478 has completed the course on "Embedded Systems " conducted from 19-10-2019 to 22-11-2019.

Mr.Ch.Siddhardha
Coordinator

Dr.K.Mahender sharma
Head of the Department

Dr.I.Rajasri Reddy
Principal

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

S.R.I.T. FOR WOMEN ★ WARANGAL ★

SUMATHI REDDY
INSTITUTE OF TECHNOLOGY FOR WOMEN
Learning at its best

Certificate

This is to certify that BUDDHE SANGEETHA bearing roll number 206Y1A0413 has completed the course on "Embedded Systems " conducted from 19-10-2019 to 22-11-2019.

Mr.Ch.Siddhardha	Dr.K.Mahender sharma	Dr.I.Rajasri Reddy
Coordinator	Head of the Department	Principal

S.R.I.T. FOR WOMEN ★ WARANGAL ★

Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)