Certification Course

On

PCB Design

Coordinator: Sri K.Kalyan Kumar

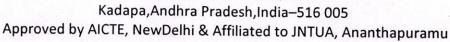
Date(s) of Event: 17/05/2021 - 22/05/2021

Organizing department:

Electrical and Electronics Engineering



(UGC-AUTONOMOUS)





Cr./KSRMCE/(Department of EEE)/2020-2021

Date: 10/05/2021

To

The Principal,

KSRM College of Engineering,

Kadapa.

Respected Sir

Sub: KSRMCE-(Department of EEE) permission to conduct certification course on

"PCB Design"Request-Regd.

It is brought to your kind notice that, with reference to the cited, the EEE department is planning to conduct Certification Course on "PCB Design" for B.Tech VIII Sem from 17/05/2021 - 22/05/2021. In this regard I kindly request you to grant permission to conduct the certification course. This is submitted for your kind perusal.

Thanking you sir,

Your ded to Cult Depring The College of Engineering

El-Change of Engineering

El-Change of Engineering

K.S.A.M. Cuddapah - 516 003

Yours Faithfully Sri K.Kalyan Kumar

Asst.Prof,Dept.EEE

KSRMCE, Kadapa.

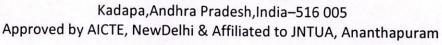
To the Director for Information

To All Deans/HoD's/IQAC

N.S.R.M. COLLEGE OF ENGINEERING KADAPA - 516 003. (A.P.)



(UGC-AUTONOMOUS)





Cr./KSRMCE/(Department of EEE)/2020-2021

Date: 12/05/2021

Circular

All the B.Tech VI Sem EEE students are here by informed that department of EEE is going to conduct certificate course on "PCB Design" interested students may register their names on or before 14, May ,2021 before 5 Pm.

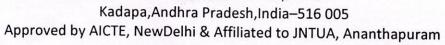
For any queries contact faculty coordinator:

Sri K. Kalyan Kumar, Asst.Prof, Dept. EEE, KSRMCE, Kadapa.

Cuddapah - 516 003



(UGC-AUTONOMOUS)





Department of Electrical and Electronics Engineering

Certification Course on "PCB Design"

List of Participants

S.No	Roll Number	Name of the Student	E-Mail Id
1	179Y1A0204	BANDA SIVARAJ	179Y1A0204@ksrmce.ac.in
2	179Y1A0206	BHUMIREDDY CHANDRAKALA (W)	179Y1A0206@ksrmce.ac.in
3	179Y1A0207	DUGGISETTY JAGAPATHI BABU	179Y1A0207@ksrmce.ac.in
4	179Y1A0208	GADDAM ANIL KUMAR	179Y1A0208@ksrmce.ac.in
5		GAJJALAKONDUGARI RENUKA DEVI	
	179Y1A0209	(W)	179Y1A0209@ksrmce.ac.in
6	179Y1A0210	GORANTLA SASIDHAR	179Y1A0210@ksrmce.ac.in
7	179Y1A0211	KRISHNAM SNEHALATHA (W)	179Y1A0211@ksrmce.ac.in
8	179Y1A0212	KURUBA LAKSHMIKANTH	179Y1A0212@ksrmce.ac.in
9	179Y1A0214	MANCHALA SOWMYA (W)	179Y1A0214@ksrmce.ac.in
10	179Y1A0215	MAYANA ABDUL SUHAIB KHAN	179Y1A0215@ksrmce.ac.in
11	179Y1A0216	MEDA SANDEEP	179Y1A0216@ksrmce.ac.in
12	179Y1A0217	MEKALA GANGADHARA	179Y1A0217@ksrmce.ac.in
13	179Y1A0218	NAKKALAPALLI SHIREESHA (W)	179Y1A0218@ksrmce.ac.in
14	179Y1A0219	POSA VENKATA SREEVALLI (W)	179Y1A0219@ksrmce.ac.in
15	179Y1A0220	PASUPULETI GAYATHRI DEVI (W)	179Y1A0220@ksrmce.ac.in
16	179Y1A0221	RAYAPU VENNELA (W)	179Y1A0221@ksrmce.ac.in
17	179Y1A0222	SANNAPURI VENKATESH	179Y1A0222@ksrmce.ac.in
18	179Y1A0223	SHAIK ABDUL FAROOQ	179Y1A0223@ksrmce.ac.in
19	179Y1A0224	SHAIK MISBA SANIA (W)	179Y1A0224@ksrmce.ac.in
20	179Y1A0225	SUCHARITHA PANYAM (W)	179Y1A0225@ksrmce.ac.in
21	179Y1A0226	SYED AZARUDDIN	179Y1A0226@ksrmce.ac.in
22	179Y1A0227	SYED HAFEEZ PARVEZ	179Y1A0227@ksrmce.ac.in
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27	189Y5A0203	BILLIPATI PAVAN KUMAR	189Y5A0203@ksrmce.ac.in
28		BOLLINENI PRASANNA LAKSHMI	
	189Y5A0204	(W)	189Y5A0204@ksrmce.ac.in
29	189Y5A0205	CHABUK SAWAR MOHAMMED SUBHAN	189Y5A0205@ksrmce.ac.in

30	189Y5A0206	CHUNDU NIRANKUMAR	180VE A0206 @learner =
31	189Y5A0207	DARA PRAVEEN	189Y5A0206@ksrmce.ac.in
32	189Y5A0208	DASARI KISHOR KUMAR	189Y5A0207@ksrmcé.ac.in
33	189Y5A0209	DASARI PAVAN KALYAN	189Y5A0208@ksrmce.ac.in
34	189Y5A0210	DWARSALA VEERA MADHAVI (W)	189Y5A0209@ksrmce.ac.in
35	189Y5A0211	GOSALA SRINIVASA RAO	189Y5A0210@ksrmce.ac.in
36	189Y5A0212	GUNDLAMADUGU REDDY KRISHNA	189Y5A0211@ksrmce.ac.in
37	189Y5A0217	KAPA OMKAR REDDY	189Y5A0212@ksrmce.ac.in
38	10313710217	KARAPUREDDY MANOJ KUMAR	189Y5A0217@ksrmce.ac.in
	189Y5A0218	REDDY	190VE 40219 @l
39	189Y5A0219	KODURU KUMAR	189Y5A0218@ksrmce.ac.in
40	189Y5A0220	KONANGI CHANDU	189Y5A0219@ksrmce.ac.in
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42	189Y5A0222	KUMARAKALVA BALAJI	189Y5A0221@ksrmce.ac.in
43	189Y5A0223	KUMMARA VISHNU	189Y5A0222@ksrmce.ac.in
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61	189Y5A0253	SUNNAPU PAVAN SAI	189Y5A0252@ksrmce.ac.in
		TO THE STATE OF THE SAIL	189Y5A0253@ksrmce.ac.in

Department of Electrical & Electronic Physineering K.S.R.M. College of Engineering Guddapah - 516 003

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Syllabus

PCB Design

SI. No.	Topic	Hours
	Торіс	Theory
Module 1	Introduction to Printed circuit board: fundamental of electronic components: Basic electronic circuits, Basics of printed circuit board designing	07
Module 2	Layout planning, general rules and parameters, ground conductor considerations, thermal issues, check and inspection of artwork	07
Module 3	Design rules for PCB: Design rules for Digital circuit PCBs, Analog circuit PCBs	08
Module 4	High frequency and fast pulse applications, Power electronic applications, Microwave applications	08

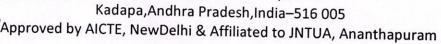
Text Books:

- 1. Printed circuit Board Design and technology, Walter C. Bosshart
- 2. Printed Circuits Handbook, Sixth Edition, by Clyde F. Coombs, Jr, Happy T. Holden, Publisher: McGraw-Hill Education Year: 2016
- 3. Complete PCB Design Using Or CAD Capture and PCB Editor, Kraig Mitzner Bob Doe Alexander Akulin Anton Supon in Dirk Müller, 2nd Edition 2009.
- 4. Introduction to System-on-Package, Rao R Tummala & Madhavan Swaminathan, McGraw Hill, 2008.





(UGC-AUTONOMOUS)





Department of Electrical and Electronics Engineering

Certification Course on "PCB Design"

Schedule

Timing: 9:00pm - 5:00pm

S.No	Date	Resource Person	Topic Covered
1	17/05/2021	Sri T.Kishore Kumar	Introduction to Printed circuit board: fundamental of electronic components:
2	18/05/2021	Sri T.Kishore Kumar	B asic electronic circuits, Basics of printed circuit board designing
3	19/05/2021	Sri T.Kishore Kumar	Layout planning, general rules and parameters, ground conductor considerations, thermal issues, check and inspection of artwork.
4	20/05/2021	Sri T.Kishore Kumar	Design rules for PCB: Design rules for Digital circuit PCBs, Analog circuit PCBs,
5	21/05/2021	Sri T.Kishore Kumar	High frequency and fast pulse applications
6	22/05/2021	Sri T.Kishore Kumar	Power electronic applications, Microwave applications,

Department HoDectrical & Electronics Engineering K.S.R.M. College of Engineering Cuddapah - 516 003



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Department of Electrical and Electronics Engineering

Activity Report

Name of the Event

: Certification Course on PCB Design

Date of the Event

: 17/05/2021-22/05/2021

Scheduled Time

: 9.00 to 5.00PM

Target Audience

: B.Tech VI Sem Students

Student Co-ordinator

Venue of the Event

: online (https://meet.google.com/lookup/d3lplbck4s)

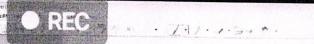
Activity Description:

Department of EEE organised a certification course on PCB Design for B.Tech VIII S em EEE Students. Sir has given excellent presentation on PCB Design .Students have done models. With support of head of the department and students the course have been completed successfully.

Electronics Engineering K.S.R.M. College of Engineering Cuddapah - 516 003

K.S.R.M. COLLEGE OF ENGINEERING KADAPA - 516 003. (A.P.)

Personal Hotspot: 1 connections, Used 246.17M



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246 - Sirigireddy Hari...



249-SYED KHAMAR...

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251-THUMMALURI JYOT...







UGC - Autonomous

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu Kadapa, Andhra Pradesh, India - 516 003

Certificate Course on

PSB Design 17/05/2021 - 22/05/2021

Organized by

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



K.S.R.M.COLLEGE OF ENGINEERING (UGC-AUTONOMOUS) Kadapa,Andhra Pradesh,India-516 005



Approved by AICTE, New Delhi& Affiliated to JNTUA, An antha puramu.

Department of Electrical and Electronics Engineering Certification Course on PCB Design - Attendance Sheet

S.No	Roll List	Name of the Student	mls	1815	19/5	2015	21/5	22/8
1	179Y1A0204	BANDA SIVARAJ	-	_	-	-	/	/
2	179Y1A0206	BHUMIREDDY CHANDRAKALA (W)	_	-	-	A	_	-
3	179Y1A0207	DUGGISETTY JAGAPATHI BABU		/	/		-	_
4	179Y1A0208	GADDAM ANIL KUMAR	A	/	/	_	/	-
5	179Y1A0209	GAJJALAKONDUGARI RENUKA DEVI (W)	A		/	/	/	/
6	179Y1A0210	GORANTLA SASIDHAR	-	/	A	-	_	/
7	179Y1A0211	KRISHNAM SNEHALATHA (W)	-	A	/	/		-
8	179Y1A0212	KURUBA LAKSHMIKANTH	1	//	A	-	A	-
9	179Y1A0214	MANCHALA SOWMYA (W)		/		/	/	/
10	179Y1A0215	MAYANA ABDUL SUHAIB KHAN		/	/	/	/	_
11	179Y1A0216	MEDA SANDEEP		/	/	/	/	_
12	179Y1A0217	MEKALA GANGADHARA	A	_	/	/	A	/
13	179Y1A0218	NAKKALAPALLI SHIREESHA (W)		/	/	/	/	/
14	179Y1A0219	POSA VENKATA SREEVALLI (W)		/	/		/	
15	179Y1A0220	PASUPULETI GAYATHRI DEVI (W)		/	/	/		
16	179Y1A0221	RAYAPU VENNELA (W)		/	A	/	1	/
17	179Y1A0222	SANNAPURI VENKATESH				/	/	/

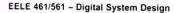
					,			
18	179Y1A0223	SHAIK ABDUL FAROOQ	_	1	-	/	/	-
19	179Y1A0224	SHAIK MISBA SANIA (W)		/	A	/	-	-
20	179Y1A0225	SUCHARITHA PANYAM (W)	/	/			/	-
21	179Y1A0226	SYED AZARUDDIN		-	-	A	_	_
22	179Y1A0227	SYED HAFEEZ PARVEZ	/	-		/		-
23	179Y1A0228	SYED SHAZIA TABASSUM	/	-	-	1	-	
24	179Y1A0230	YARRANAGU RAJESH REDDY	A		/	/	-	-
25	189Y5A0201	ATHINJERI RAJESH	1	-	_			
26	189Y5A0202	BIJIVEMULA SUDARSHAN REDDY		_	A			/
27	189Y5A0203	BILLIPATI PAVAN KUMAR			-			
28	189Y5A0204		-			0		
29	18913AU2U4	BOLLINENI PRASANNA LAKSHMI CHABUK SAWAR MOHAMMED				+1		
20	189Y5A0205	SUBHAN						
30	189Y5A0206	CHUNDU NIRANKUMAR	_	/			~	/
31	189Y5A0207	DARA PRAVEEN	/	/		/	A	/
32	189Y5A0208	DASARI KISHOR KUMAR	/		1	/	-	/
33	189Y5A0209	DASARI PAVAN KALYAN	/	/	/		-	/
34	189Y5A0210	DWARSALA VEERA MADHAVI (W)	/	/	A			-
35	189Y5A0211	GOSALA SRINIVASA RAO	/	/	-	/	/	/
36	189Y5A0212	GUNDLAMADUGU REDDY KRISHNA		/	/		/	-
37	189Y5A0217	KAPA OMKAR REDDY	/		/			/
38	189Y5A0218	KARAPUREDDY MANOJ KUMAR REDDY	/	/	/	A		_
39	189Y5A0219	KODURU KUMAR		/	_			_
40	189Y5A0220	KONANGI CHANDU					A	
41	189Y5A0221	KOTHAPALLI SOMANJU			_		-	_
42	189Y5A0222	KUMARAKALVA BALAJI	1	/			_	/
	20313/10222	NOMINAINALVA DALAJI		-	/		2.170	

43	189Y5A0223	KUMMARA VISHNU		1				
44	189Y5A0224	KUNDALA SIVASAI	/	/	/		A	-
45	189Y5A0227	KUSAM CHANDRA PRAKASH REDDY		/	/	A	/	/
46	189Y5A0228	LAKKIREDDY MADHU SAI	/	/	/	/	/	1
47	189Y5A0229	LAVANUR REVANTH REDDY	A	/	/	/	/	/
48	189Y5A0230	L. SAI HARSHINI	/	/	/	A	/	A
49	189Y5A0231	MOGHAL ASLAM BAIG	/	/	-	/	1	-
50	189Y5A0232	MOOLA PRADEEP KUMAR REDDY	-	- /	/	/	-	-
51	189Y5A0233	MULE SIVA JYOTHSNA	/	/	/	1	/	-
52	189Y5A0234	NEELAM PAVAN KUMAR REDDY	/	/	A		_	-
53	189Y5A0241	PULLIRUPU SATHISH KUMAR	-	/	/	/		-
54	189Y5A0242	RAJOLI KARTHIK REDDY	/	/	/	/		-
55	189Y5A0243	RAMIREDDY PAVAN KUMAR REDDY			A	A		/
56	189Y5A0244	REPALLE ANOK		/	-			/
57	189Y5A0245	SARASWATHI MADHURIMA	0	/		/		_
58	189Y5A0246	SAREDDY NIRANJAN REDDY	A	_	_		/	_
59	189Y5A0247	SHAIK AHAMMAD			- /	-	-	-
60	189Y5A0252	SULTHAN SAHEB KAMAL BASHA	~	_	_	~	/	_
61	179Y1A0204	BANDA SIVARAJ	/	/			A	-

Coordinator

HOD

HEAD
Department of Electrical &
Electronics Engineering
K.S.R.M. College of Engineering
Cuddapah - 516 003



Module #4 - Interconnect Construction (Printed Circuit Boards)

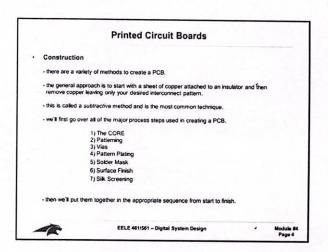
- - Printed Circuit Board Construction Printed Circuit Board Design
- · Textbook Reading Assignments
- · What you should be able to do after this module
 - Describe the fabrication process of a PCB

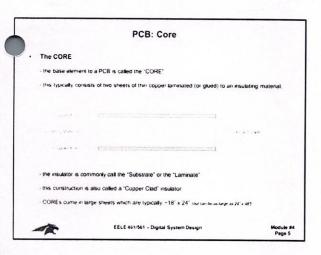
 - Describe the fabrication process of a PCB
 Design a printed circuit board using modern CAD tools
 Understand the signal integrity issues associated with PCBs
 Design controlled impedance transmission lines using PCBs
 Understand the fabrication immatations of PCBs and how they dictate design rules

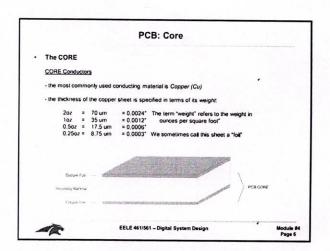
EELE 461/561 - Digital System Design

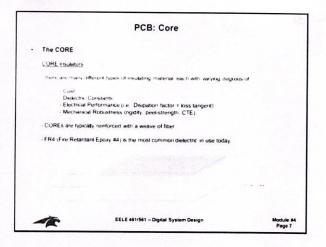
Printed Circuit Boards · Interconnect (PCBs) we have examined how parasitics along a Transmission Line can lead to reflections and risetime degradation. - now we look at one of the interconnect technologies that is used in modern digital systems. - by understanding the manufacturing steps used to create an interconnect, we can understand: where the electrical parasitics come from manufacturing limits for Cost vs. Performance trade-offs · Printed Circuit Boards - a structure that: EELE 461/561 - Digital System Design

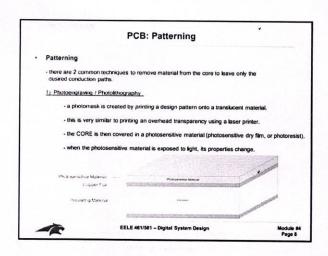
Printed Circuit Boards "PCB" = Printed Circuit Board (i.e., a "board") 'PWB' = Printed Winng Board (same as PCB) 'PCA" = PCB Assembly a PCB that is loaded with components "Fab" = the process of creating the PCB "Load" = the process of attaching the components to the PCB EELE 461/561 - Digital System Design

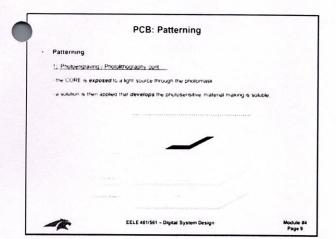


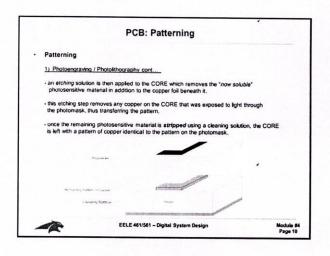


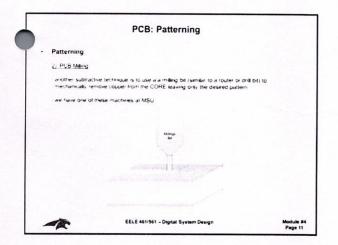


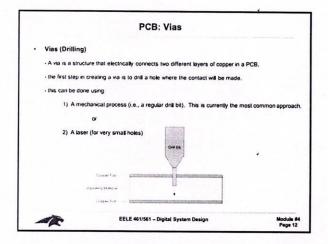


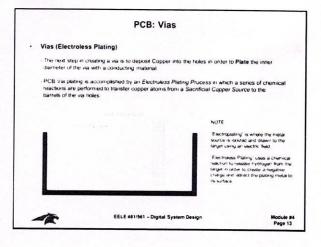


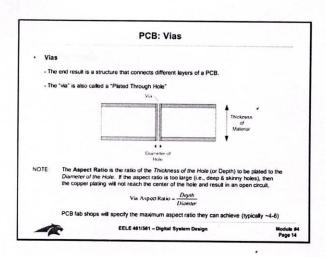


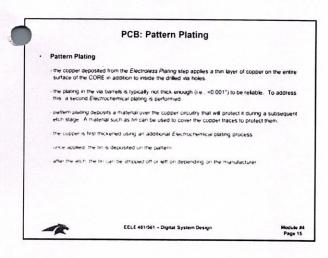


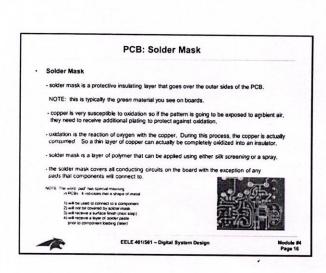


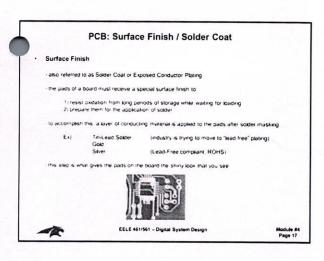


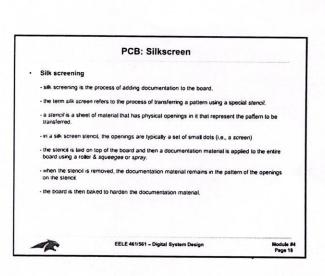


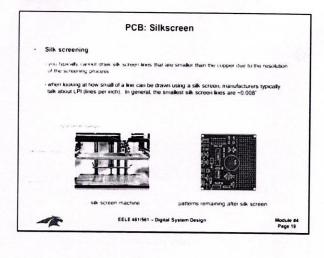


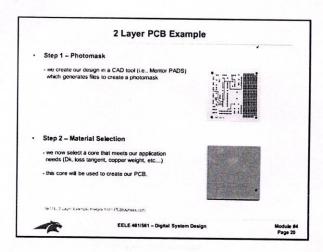


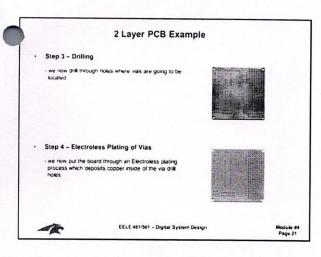


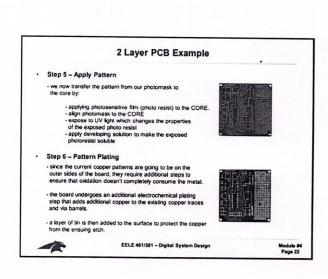


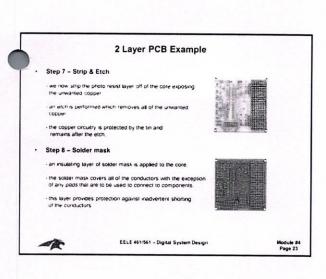


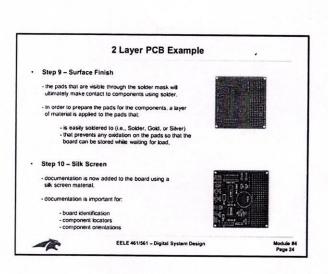


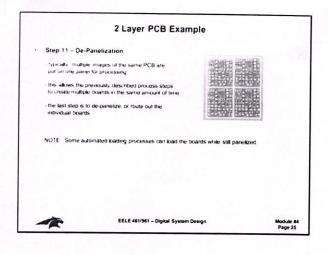


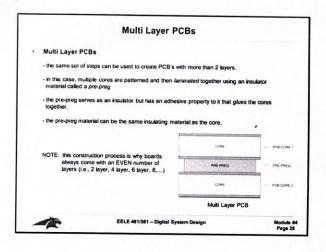


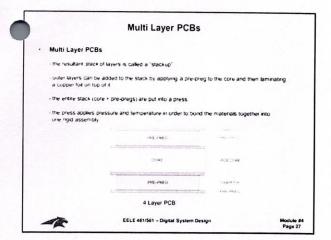


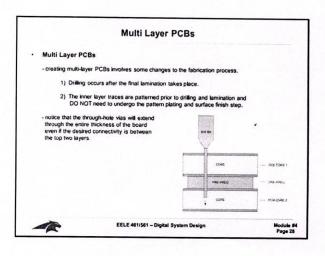


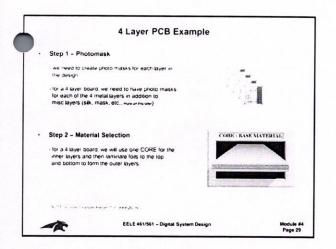


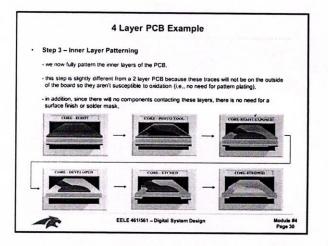


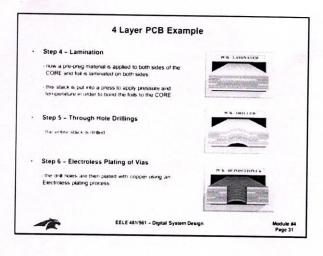


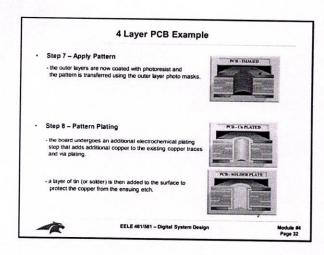


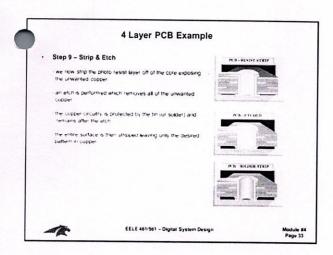


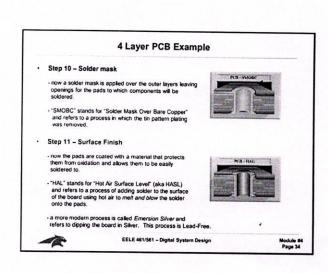


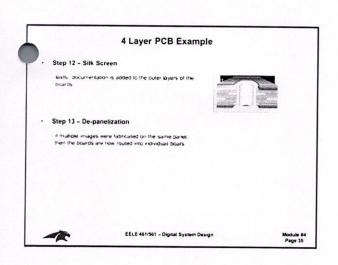


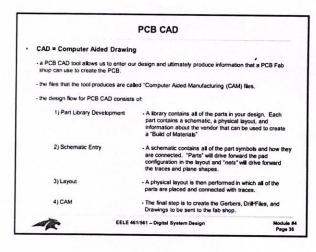


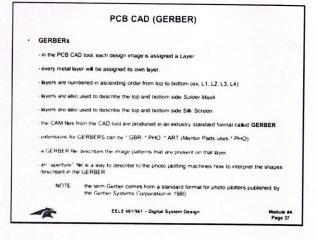


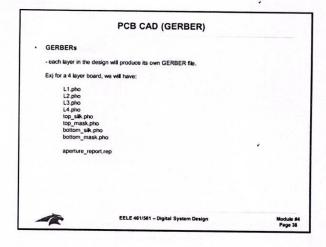


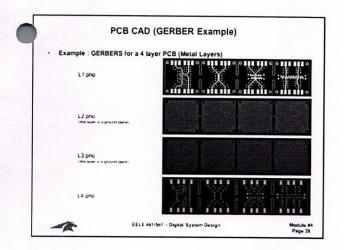


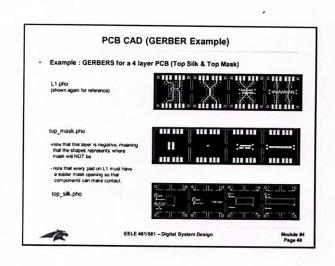


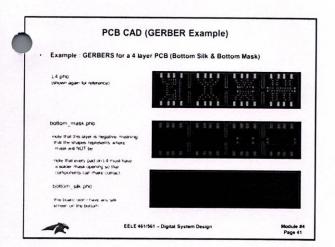


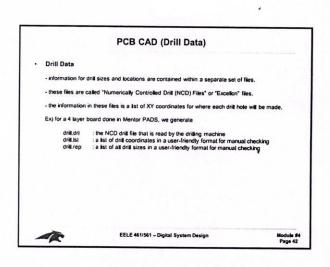


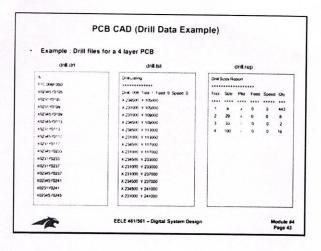


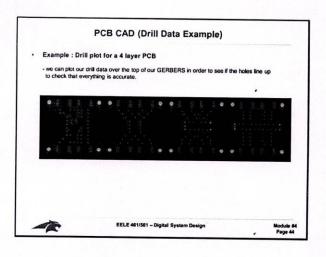


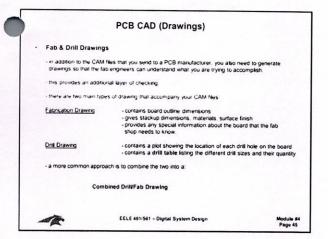


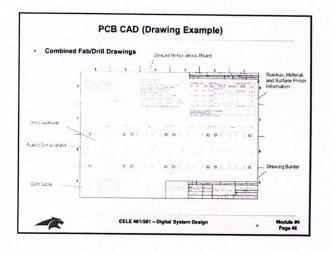


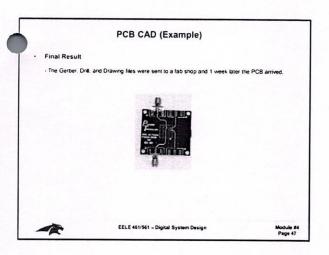


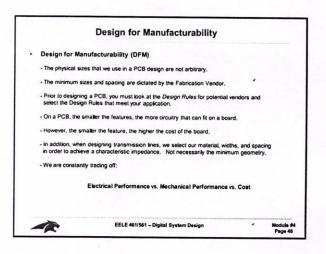


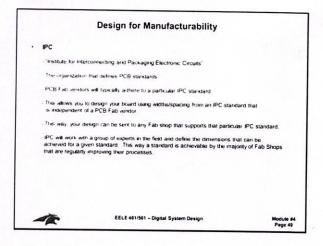


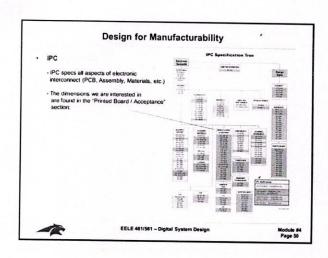


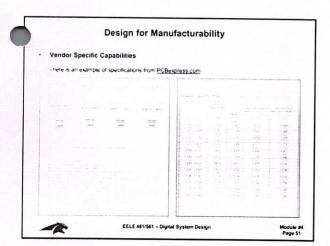


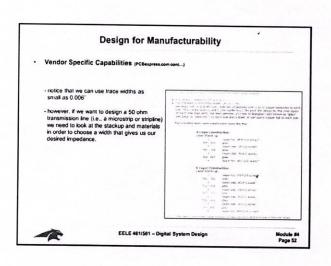


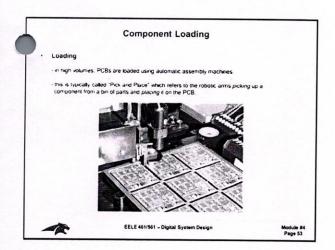


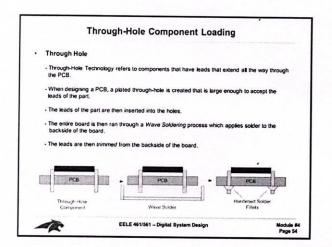


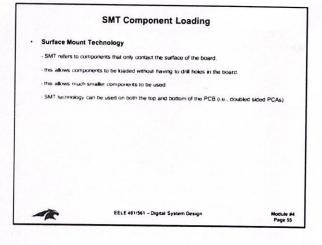


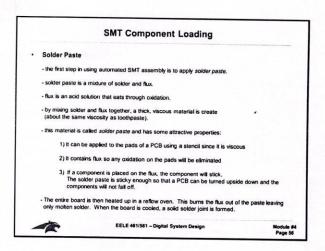


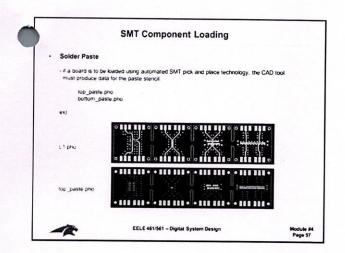


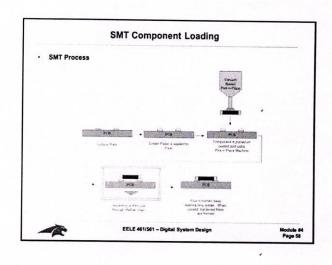


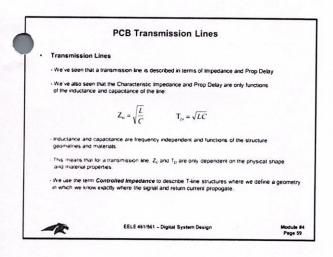


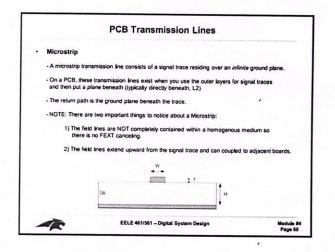


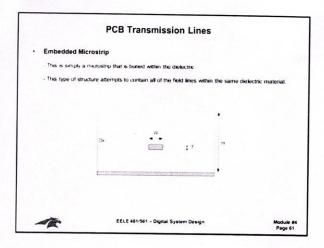


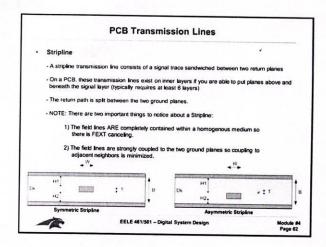


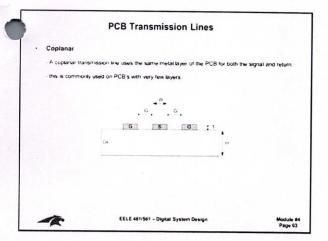


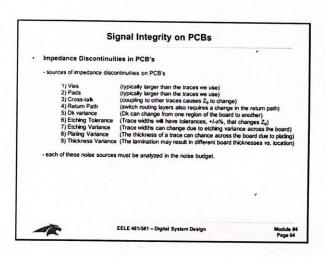














UGC - AUTONOMOUS KADAPA, AP - 516 005

Certificate of Completion

This is to certify that

Mr/Ms. B. SivaRaj

Bearing the Roll No 17941 A0204

has Succesfully completed certification course on

PCB Design

From 17 05 2021 to 22 05 2 , Organized by Department of

Electrical & Electronica Engineering

Coordinator

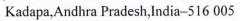
Head Of Department

V. s.s. muly

Principal



(UGC-AUTONOMOUS)





Approved by AICTE, New Delhi& Affiliated to JNTUA, An antha puramu.

Department of Electrical and Electronics Engineering Certification Course on PCB Design

Feedback Form

S.No	Roll List	Name of the Student	Is the Course content meet your expectation	Is the lecture sequence well planned	Is the level of course high	Is the course exposed you to the new knowledge	Rate the Knowledge of the Speaker	Rate the value of Course in increasing your skills
1	179Y1A0204	BANDA SIVARAJ	Agree	Strongly Agree	Yes	4	5	Nil
2	179Y1A0206	BHUMIREDD Y CHANDRAKA LA (W)	Agree	Strongly Agree	Yes	5	4	Nil
3	179Y1A0207	DUGGISETTY JAGAPATHI BABU	Agree	Strongly Agree	Yes	4	5	Nil
4	179Y1A0208	GADDAM ANIL KUMAR	Agree	Strongly Agree	Yes	5	4	Nil
5	179Y1A0209	GAJJALAKON DUGARI RENUKA DEVI (W)	Agree	Strongly Agree	Yes	4	5	Nil
6	179Y1A0210	GORANTLA SASIDHAR	Agree	Strongly Agree	Yes	5	4	Nil
7	179Y1A0211	KRISHNAM SNEHALATH A (W)	Agree	Strongly Agree	Yes	5	4	Nil
8	179Y1A0212	KURUBA LAKSHMIKA NTH	Agree	Strongly Agree	Yes	4	5	Nil
9	179Y1A0214	MANCHALA SOWMYA (W)	Agree	Strongly Agree	Yes	5	4	Nil
10	179Y1A0215	MAYANA ABDUL SUHAIB KHAN	Agree	Strongly Agree	Yes	4	5	Nil
11	179Y1A0216	MEDA	Agree	Strongly Agree	Yes	5	4	Nil
12	179Y1A0217	MEKALA GANGADHA RA	Agree	Strongly Agree	Yes	4	5	Nil

13	179Y1A0218	NAKKALAPAL LI SHIREESHA (W)	Agree	Strongly Agree	Yes	5	4	Nil
14	179Y1A0219	POSA VENKATA SREEVALLI (W)	Agree	Strongly Agree	Yes	5	4	Nil
15	179Y1A0220	PASUPULETI GAYATHRI DEVI (W)	Agree	Strongly Agree	Yes	4	5	Nil
16	179Y1A0221	RAYAPU VENNELA (W)	Agree	Strongly Agree	Yes	4	5	Nil
17	179Y1A0222	SANNAPURI VENKATESH	Agree	Strongly Agree	Yes	5	4	Nil
18	179Y1A0223	SHAIK ABDUL FAROOQ	Agree	Strongly Agree	Yes	4	5	Nil
19	179Y1A0224	SHAIK MISBA SANIA (W)	Agree	Strongly Agree	Yes	5	4	Nil
20	179Y1A0225	SUCHARITHA PANYAM (W)	Agree	Strongly Agree	Yes	4	5	Nil
21	179Y1A0226	SYED AZARUDDIN	Agree	Strongly Agree	Yes	5	4	Nil
22	179Y1A0227	SYED HAFEEZ PARVEZ	Agree	Strongly Agree	Yes	5	4	Nil
23	179Y1A0228	SYED SHAZIA TABASSUM	Agree	Strongly Agree	Yes	5	4	Nil
24	179Y1A0230	YARRANAGU RAJESH REDDY	Agree	Strongly Agree	Yes	4	5	Nil
25	189Y5A0201	ATHINJERI RAJESH	Agree	Strongly Agree	Yes	5	4	Nil
26	189Y5A0202	BIJIVEMULA SUDARSHAN REDDY	Agree	Strongly Agree	Yes	4	5	Nil
27	189Y5A0203	BILLIPATI PAVAN	Agree	Strongly Agree	Yes	5	4	Nil
28	189Y5A0204	BOLLINENI PRASANNA LAKSHMI	Agree	Strongly Agree	Yes	4	5	Nil

29			Agree	Strongly	Yes	5	4	Nil
		CHABUK		Agree				
		SAWAR						
		MOHAMME						
	189Y5A0205	D SUBHAN						1911
30		CHUNDU	Agree	Strongly	Yes	4	5	Nil
		NIRANKUMA		Agree				
	189Y5A0206	R						
31		DARA	Agree	Strongly	Yes	5	4	Nil
	189Y5A0207	PRAVEEN		Agree				
32		DASARI	Agree	Strongly	Yes	4	5	Nil
		KISHOR		Agree				
	189Y5A0208	KUMAR						
33		DASARI	Agree	Strongly	Yes	5	4	Nil
		PAVAN		Agree				
	189Y5A0209	KALYAN						
34		DWARSALA	Agree	Strongly	Yes	4	5	Nil
		VEERA		Agree				
		MADHAVI						
	189Y5A0210	(W)						
35		GOSALA	Agree	Strongly	Yes	5	4	Nil
	1000	SRINIVASA		Agree				
	189Y5A0211	RAO					_	
		CUNDIANA	Agree	Strongly	Yes	4	5	Nil
		GUNDLAMA		Agree				
		DUGU						
36	1,000/540040	REDDY						- 400
	189Y5A0212	KRISHNA KAPA		Ct I			1	NUL
37		OMKAR	Agree	Strongly	Yes	5	4	Nil
	189Y5A0217	REDDY		Agree				
38	10313A0217	INCOU!	Agree	Strongly	Yes	4	5	Nil
36		KARAPURED	Agree	Agree	163		3	1.111
		DY MANOJ		Agree				
		KUMAR						
	189Y5A0218	REDDY						
39		KODURU	Agree	Strongly	Yes	5	4	Nil
33	189Y5A0219		ABICC	Agree	1.03			
40		KONANGI	Agree	Strongly	Yes	4	5	Nil
40	189Y5A0220	CHANDU	ABICC	Agree	1.03			
41	1		Agree	Strongly	Yes	5	4	Nil
47		KOTHAPALLI		Agree				
	189Y5A0221	SOMANJU		1.8.66				
42			Agree	Strongly	Yes	4	5	Nil
_		KUMARAKAL	8.30	Agree				
	189Y5A0222	VA BALAJI		0				
43		KUMMARA	Agree	Strongly	Yes	5	4	Nil
	189Y5A0223	VISHNU		Agree				
44		KUNDALA	Agree	Strongly	Yes	4	5	Nil
	189Y5A0224	SIVASAI		Agree	10 16 16 16 16 16 16 16 16 16 16 16 16 16			
45		KUSAM	Agree	Strongly	Yes	5	4	Nil
		CHANDRA		Agree				
		PRAKASH						
	189Y5A0227	REDDY						
46			Agree	Strongly	Yes	4	5	Nil
		LAKKIREDDY		Agree				
	189Y5A0228	MADHU SAI						1

47	189Y5A0229	LAVANUR REVANTH REDDY	Agree	Strongly Agree	Yes	5	4	Nil
48	189Y5A0230	L. SAI HARSHINI	Agree	Strongly Agree	Yes	4	5	Nil
49	189Y5A0231	MOGHAL ASLAM BAIG	Agree	Strongly Agree	Yes	5	4	Nil
50	189Y5A0232	MOOLA PRADEEP KUMAR REDDY	Agree	Strongly Agree	Yes	4	5	Nil
51	189Y5A0233	MULE SIVA	Agree	Strongly Agree	Yes	5	4	Nil
52	189Y5A0234	NEELAM PAVAN KUMAR REDDY	Agree	Strongly Agree	Yes	4	5	Nil
53	189Y5A0241	PULLIRUPU SATHISH KUMAR	Agree	Strongly Agree	Yes	5	4	Nil
54	189Y5A0242	RAJOLI KARTHIK REDDY	Agree	Strongly Agree	Yes	4	5	Nil
56	189Y5A0243	RAMIREDDY PAVAN KUMAR REDDY	Agree	Strongly Agree	Yes	5	4	Nil
57	189Y5A0244	REPALLE ANOK	Agree	Strongly Agree	Yes	4	5	Nil
58	189Y5A0245	SARASWATH I MADHURIM A	Agree	Strongly Agree	Yes	5	4	Nil
59	189Y5A0246	SAREDDY NIRANJAN REDDY	Agree	Strongly Agree	Yes	4	5	Nil
60	189Y5A0247	SHAIK AHAMMAD	Agree	Strongly Agree	Yes	5	4	Nil
61	189Y5A0252	SULTHAN SAHEB KAMAL BASHA	Agree	Strongly Agree	Yes	4	5	Nil

K. Calipur Leman Coordinator

LEKK

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