

**KANDULA SRINIVASA REDDY MEMORIAL COLLEGE OF  
ENGINEERING (AUTONOMOUS)**

**KADAPA-516003. AP**

**(Approved by AICTE, Affiliated to JNTUA, Ananthapuramu,  
Accredited by NAAC)**

**(An ISO 9001-2008 Certified Institution)**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING**



**CERTIFICATION COURSE  
ON  
“PCB DESIGN”**

Resource Person : Mr. N Siddik, Assistant Professor, Dept. of EEE, KSRMCE

Course Coordinator: Mr. P Durga Prasad, Assistant Professor, Dept. of EEE,  
KSRMCE

**Duration: 03-12-2018 to 22-12-2018**



**K.S.R.M. COLLEGE OF ENGINEERING  
(UGC-AUTONOMOUS)**

**Kadapa, Andhra Pradesh, India – 516 005**

**Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.  
An ISO 14001:2004 & 9001: 2015 Certified Institution**

**Department of Electrical and Electronics Engineering**

Lr. / KSRMCE / EEE / 2018-2019 /

Date: 28.11.2018

**To**  
**The Principal,**  
K.S.R.M.College of Engineering (A), Kadapa.

**//THROUGH PROPER CHANNEL//**

**Sub: KSRMCE – (EEE) – Permission for Conducting a Certification Course on  
“PCB Design” for B.Tech V Semester Students – Request for Permission – Reg.**

Respected Sir,


It is being brought to your kind notice that, I P.Durga Prasad, Assistant Professor from Department of EEE is organizing a Certification Course on “**PCB Design**” for B.Tech V Semester students, from 03-12-2018 to 22-12-2018. In this regard, I request you to kindly permit me to organize the above-mentioned certification course, for which kind of act I would be grateful to you sir.

The Resource persons of the workshop:

1. N Siddik, Assistant Professor in EEE, KSRMCE (A).

Thanking you Sir,

Yours Faithfully

  
(P.Durga Prasad)  
(Assistant Professor/EEE)

*Forwarded to  
Principal Sir,  
V. S. S. M. M. /  
28/11/2018*

*Permitted  
V. S. S. M. M. /*



**K.S.R.M. COLLEGE OF ENGINEERING  
(UGC-AUTONOMOUS)**

**Kadapa, Andhra Pradesh, India – 516 005**

**Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.  
An ISO 14001:2004 & 9001: 2015 Certified Institution**

**Department of Electrical and Electronics Engineering**

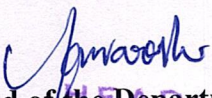
Cr./KSRMCE/(Department of E.E.E)/2018-2019/

Date: 01.12.2018

**Circular**

It is hereby informed that the department of Electrical and Electronics Engineering is organizing a Certification Course on “**PCB Design**” for B.Tech V Semester students, from 3-12-2018 to 22-12-2018. The resource person is N Siddik, Assistant Professor in EEE, KSRMCE.. In this Context, I request the students to register their names with the concerned coordinator on or before 02.12.2018. The details of the Workshop are as follows:

<b>Name of the Event</b>	Certification Course
<b>Name of the Course</b>	<b>PCB Design</b>
<b>Date(s)</b>	03-12-2018 to 22-12-2018
<b>Resource persons</b>	Mr. N Siddik, Assistant Professor in EEE,, KSRMCE.
<b>Venue</b>	KSRMCE, SJ-111 Seminar Hall
<b>Faculty Coordinator</b>	Mr. P. Durga Prasad, Assistant Professor in EEE, KSRMCE

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



**K.S.R.M. COLLEGE OF ENGINEERING  
(UGC-AUTONOMOUS)**

**Kadapa, Andhra Pradesh, India – 516 005**

**Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.  
An ISO 14001:2004 & 9001: 2015 Certified Institution**

**Department of Electrical and Electronics Engineering**

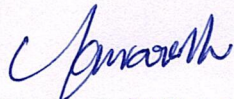
Certification Course on “PCB Design”

**Module – 1: Printed circuit Board Design:** Study of Packages of Electronic Components. History of Printed Circuit Boards. Various types of Printed Circuit Boards  
- Single Sided Boards, Double Sided Plated through Hole Boards, multilayer Boards..

**Module – 2: Printed Circuit Board Design Methods:** Rules for single and Double Sided Board. Schematic diagram Entry in PCB Design tool/S/W. Layout Design, Routing methods. Guideline for Artwork Generation. Generation of various Manufacturing Documents/ Output file generation. Component Library management in PCB Design tool.

**Module – 3: Printed Circuit Board Manufacturing Methods:** Method of Screen Printing for pattern transfer. Method of Wet film and Dry film for single and Double Sided Board Manufacturing. Method of Solder-mask and Legend Printings. Plating and Etching Techniques. Mechanical methods required in manufacturing of PCBs like punching, drilling ,milling and routing.

  
Coordinator(s)

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



**K.S.R.M. COLLEGE OF ENGINEERING  
(UGC-AUTONOMOUS)**

**Kadapa, Andhra Pradesh, India – 516 005**

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.  
An ISO 14001:2004 & 9001: 2015 Certified Institution

**Department of Electrical and Electronics Engineering  
List of Registered Participants**

<b>Name of the Event</b>	Certification Course
<b>Name of the certification course</b>	<b>PCB Design</b>
<b>Date(s) of the Course</b>	03-12-2018 to 22-12-2018
<b>Resource persons</b>	Mr. N Siddik, Assistant Professor in EEE,
<b>Venue</b>	KSRMCE, SJ-111 Seminar Hall
<b>Faculty Coordinator</b>	Mr. P. Durga Prasad, Assistant Professor in EEE

S.No	Roll Number	Name Of The Student	Signature
1	179Y1A0201	Akula Venkata Aravind	venkata Aravind
2	179Y1A0202	Akula Venkata Sunil	venkata sunil
3	179Y1A0203	Ankireddipalli Vivekanandareddy	vi venkandareddy
4	179Y1A0204	Banda Sivaraj	Sivaraaj
5	179Y1A0206	Bhumireddy Chandrakala (W)	Chandrakala
6	179Y1A0207	Duggisetty Jagapathi Babu	Jagapati Babu
7	179Y1A0208	Gaddam Anil Kumar	Anil Kumar
8	179Y1A0209	Gajjalakondugari Renuka Devi (W)	Renuka Devi
9	179Y1A0210	Gorantla Sasidhar	Sasidhar
10	179Y1A0211	Krishnam Snehalatha (W)	snehalatha
11	179Y1A0212	Kuruba Lakshmikanth	Lakshmikanth
12	179Y1A0214	Manchala Sowmya (W)	Sowmya



**K.S.R.M. COLLEGE OF ENGINEERING  
(UGC-AUTONOMOUS)**

**Kadapa, Andhra Pradesh, India – 516 005**

**Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.  
An ISO 14001:2004 & 9001: 2015 Certified Institution**

13	179Y1A0221	Rayapu Vennela (W)	Vennela
14	179Y1A0222	Sannapuri Venkatesh	Venkatesh
15	179Y1A0223	Shaik Abdul Farooq	S. Abdul Farooq
16	179Y1A0224	Shaik Misba Sania (W)	S. Misba sania
17	179Y1A0225	Sucharitha Panyam (W)	Sucharitha
18	179Y1A0226	Syed Azaruddin	Azaruddin
19	179Y1A0227	Syed Hafeez Parvez	Hafeez Parvez
20	179Y1A0228	Syed Shazia Tabassum (W)	shazia Tabassum
21	179Y1A0230	Yarranagu Rajesh Reddy	Rajesh Reddy
22	189Y5A0201	Athinjeri Rajesh	Rajesh
23	189Y5A0202	Bijivemula Sudarshan Reddy	Sudarshan Reddy
24	189Y5A0203	Billipati Pavan Kumar	Pavan kumar
25	189Y5A0204	Bollineni Prasanna Lakshmi (W)	Prasanna Lakshmi
26	189Y5A0205	Chabuk Sawar Mohammed Subhan	Mohammed
27	189Y5A0206	Chundu Nirankumar	Nirankumar
28	189Y5A0207	Dara Praveen	Praveen
29	189Y5A0208	Dasari Kishor Kumar	Kishor kumar
30	189Y5A0209	Dasari Pavan Kalyan	Pavan kalyan
31	189Y5A0210	Dwarsala Veera Madhavi (W)	Veera Madhavi
32	189Y5A0212	Gundlamadugu Reddy Krishna	Reddy Krishna
33	189Y5A0213	Jada Naveen Kumar	Naveen Kumar
34	189Y5A0216	Kambham Pavan Kumar Reddy	Pavan Kumar Reddy



**K.S.R.M. COLLEGE OF ENGINEERING  
(UGC-AUTONOMOUS)**

**Kadapa, Andhra Pradesh, India – 516 005**

**Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.**

**An ISO 14001:2004 & 9001: 2015 Certified Institution**

35	189Y5A0217	Kapa Omkar Reddy	omkar reddy
36	189Y5A0218	Karapureddy Manoj Kumar Reddy	Manoj Kumar Reddy
37	189Y5A0219	Koduru Kumar	Kumar
38	189Y5A0220	Konangi Chandu	chandu
39	189Y5A0221	Kothapalli Somanju	Somanju.
40	189Y5A0222	Kumarakalva Balaji	Balaji.
41	189Y5A0223	Kummara Vishnu	K. Vishnu
42	189Y5A0224	Kundala Sivasai	Sivasai
43	189Y5A0227	Kusam Chandra Prakash Reddy	
44	189Y5A0228	Lakkireddy Madhu Sai	Madhu Sai
45	189Y5A0229	Lavanur Revanth Reddy	Revanth Reddy
46	189Y5A0230	Lingireddy Sai Harshini (W)	Sai Harshini
47	189Y5A0231	Moghal Aslam Baig	Aslam Baig
48	189Y5A0232	Moola Pradeep Kumar Reddy	Kumar
49	189Y5A0233	Mule Siva Jyothsna (W)	Jy -
50	189Y5A0234	Neelam Pavan Kumar Reddy	Pavan
51	189Y5A0235	Palla Ravivarma	Ravivarma
52	189Y5A0236	Palla Reddaiah	Redd
53	189Y5A0237	Palleti Prasanna Kumar	Pras
54	189Y5A0238	Pathakota Santhosh Reddy	Santhosh Reddy
55	189Y5A0239	Pattem Sravani (W)	P. Sravani
56	189Y5A0240	Pullagura Prabhu Teja	
57	189Y5A0241	Pullirupu Sathish Kumar	Sathish Kumar.





**K.S.R.M. COLLEGE OF ENGINEERING  
(UGC-AUTONOMOUS)**

**Kadapa, Andhra Pradesh, India – 516 005**

**Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.  
An ISO 14001:2004 & 9001: 2015 Certified Institution**

58	189Y5A0242	Rajoli Karthik Reddy	
59	189Y5A0243	Ramireddy Pavan Kumar Reddy	
60	189Y5A0244	Repalle Anok	

Coordinator

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





**K.S.R.M. COLLEGE OF ENGINEERING  
(UGC-AUTONOMOUS)**

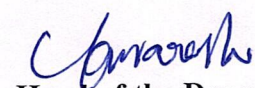
**Kadapa, Andhra Pradesh, India – 516 005**

**Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.  
An ISO 14001:2004 & 9001: 2015 Certified Institution**

**Department of Electrical and Electronics Engineering  
Certification Course  
on  
PCB Design**

S.no	Date	Topic	No. of Hours
<b>Module-1</b>			
1	03.12.2018	Study of Packages of Electronic Components	2
2	04.12.2018	History of Printed Circuit Boards	2
3	05.12.2018	Various types of Printed Circuit Boards Single Sided Boards	2
4	06.12.2018	Double Sided Plated through Hole Boards, multilayer Boards	2
5	07.12.2018	Rules for single and Double Sided Board	2
<b>Module-2</b>			
6	10.12.2018	Schematic diagram Entry in PCB Design tool/S/W	2
7	11.12.2018	Guideline for Artwork Generation	2
8	12.12.2018	Generation of various Manufacturing Documents/ Output file generation	2
9	13.12.2018	Method of Screen Printing for pattern transfer	2
10	14.12.2018	Method of Wet film and Dry film for single and Double Sided Board Manufacturing	2
11	15.12.2018	Method of Solder-mask and Legend Printings. Plating and Etching Techniques	2
<b>Module-3</b>			
12	17.12.2018	Components Preparation Method-Lead Forming methods.	2
13	18.12.2018	Leaded through hole assembly	2
14	19.12.2018	Study of Tools used in the assembly process	2
14	20.12.2018	Study of Tools used in the assembly process	2
15	21.12.2018	Based on theory- practical	2
Total			32

  
Coordinator

  
Head of the Department



**K.S.R.M. COLLEGE OF ENGINEERING  
(UGC-AUTONOMOUS)**

**Kadapa, Andhra Pradesh, India – 516 005**

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.  
An ISO 14001:2004 & 9001: 2015 Certified Institution

**Department of Electrical and Electronics Engineering**

**Activity Report**

<b>Name of the Event</b>	Certification Course
<b>Name of the certification course</b>	<b>PCB Design</b>
<b>Date(s) of the Course</b>	03-12-2018 to 22-12-2018
<b>Target Audience</b>	B.Tech V Semester Students
<b>Number of Students Participated</b>	60
<b>Resource Persons</b>	Mr. N Siddik, Assistant Professor in EEE,
<b>Report</b>	<p>To fulfil the Industry goals and requirements, the Department of Electrical and Electronics Engineering conducted a certification course on “<b>PCB Design</b>” from 13/8/2019 to 30/8/2019. The course started with an introductory and interactive talk on “PCB Design” by the resource person N Siddik, Assistant Professor in EEE. The circuit implemented on the PCB was an “Astable Multivibrator”. Firstly the students were given a brief explanation on the different stages involved in PCB designing. They were then given hands-on training on Eagle Software, where the instructor took them step by step through Schematic creation, ERC, Netlist generation, Layout design, and DRC.</p> <p>This was followed by Gerber and G-Code generation using Nvis Software which is required by the Nvis PCB Prototype Machine. The students were taught to generate Gerber and G-Codes for Milling, Engraving and Drilling, which were then imported to the PCB Prototype Machine. The students were shown how to use the Nvis PCB Prototype Machine for the PCB creation.</p> <p>The students showed great zeal and enthusiasm in designing the PCB and the satisfaction and joy to see the final PCB was overwhelming. The workshop was a fruitful and a very successful event.</p>

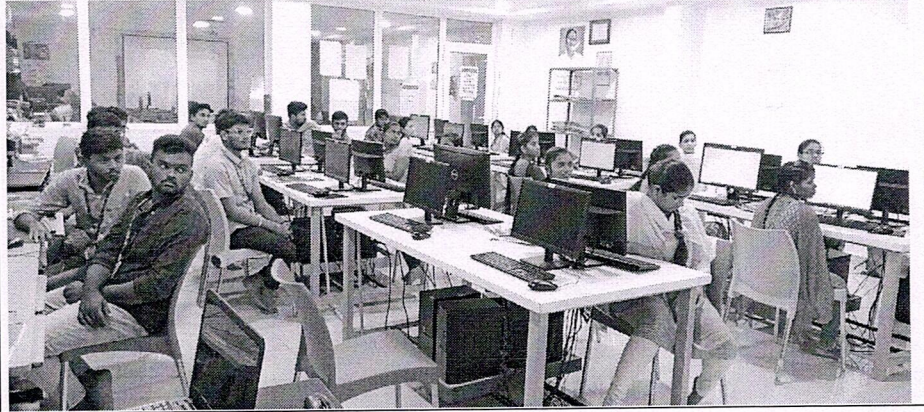


**K.S.R.M. COLLEGE OF ENGINEERING  
(UGC-AUTONOMOUS)**

**Kadapa, Andhra Pradesh, India – 516 005**

**Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.  
An ISO 14001:2004 & 9001: 2015 Certified Institution**

Photos



*P. Anny*  
Coordinator

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







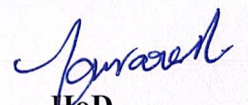






60	189Y5A0244	Repalle Anok	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
----	------------	--------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

  
Coordinator(s)

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



# K.S.R.M. COLLEGE OF ENGINEERING

(UGC - Autonomous)

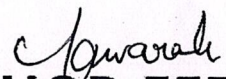
Kadapa, Andhra Pradesh, India- 516 003

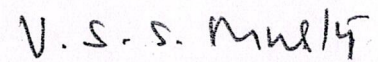
Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

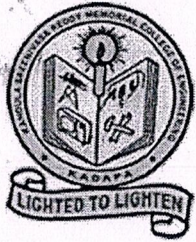
## **CERTIFICATION COURSE ON "PCB DESIGN"** **Completion of Participation Certification**

This to certify that Mr/Mrs. L. Madhu Sai bearing the Roll Number 1894 AD228 has participated in certification Course on "PCB DESIGN" 03/12/2018 to 22/12/2018 Organized by Department of Electrical and Electronics Engineering, KSRMCE(A), Kadapa.

  
Coordinator

  
HOD EEE

  
PRINCIPAL



# K.S.R.M. COLLEGE OF ENGINEERING

(UGC - Autonomous)

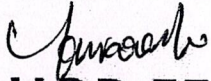
Kadapa, Andhra Pradesh, India- 516 003

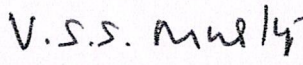
Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

## **CERTIFICATION COURSE ON "PCB DESIGN"** **Completion of Participation Certification**

This to certify that Mr/Mrs. R. Karthik Reddy bearing the Rol Number 18945A0242 has participated in certification Course on "PCI DESIGN" 03/12/2018 to 22/12/2018 Organized by Department of Electrical and Electronics Engineering, KSRMCE(A), Kadapa.

  
Coordinator

  
HOD EEE

  
PRINCIPAL



# K.S.R.M. COLLEGE OF ENGINEERING

(UGC - Autonomous)

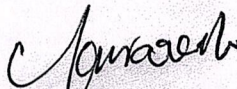
Kadapa, Andhra Pradesh, India- 516 003

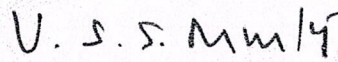
Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

## **CERTIFICATION COURSE ON "PCB DESIGN"** **Completion of Participation Certification**

This to certify that Mr/Mrs. Suchmitha.P bearing the Roll Number 1794/A025 has participated in certification Course on "PCB DESIGN" 03/12/2018 to 22/12/2018 Organized by Department of Electric and Electronics Engineering, KSRMCE(A), Kadapa.

  
Coordinator

  
HOD EEE

  
PRINCIPAL

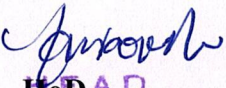
**K.S.R.M. COLLEGE OF ENGINEERING****(AUTONOMOUS)****Department of Electrical & Electronics Engineering****Feedback of students on Certification Course on "PCB Design"****03-12-2018 to 22-12-2018**

<b>S.No</b>	<b>Roll Number</b>	<b>Name of the Student</b>	<b>The content was Clear &amp; Understandable</b>	<b>The program was well paced within the allotted</b>	<b>The instructor was a good communicator</b>	<b>The material was presented in an organized</b>	<b>The instructor was knowledgeable on the topic</b>	<b>Rate the value of course in</b>
1	179Y1A0201	Aravind	LOW	LOW	HIGH	MODERATE	HIGH	5
2	179Y1A0202	Sunil	HIGH	MODERATE	HIGH	HIGH	MODERATE	5
3	179Y1A0203	Vivekanandareddy	HIGH	MODERATE	MODERATE	HIGH	HIGH	5
4	179Y1A0204	Banda Sivaraj	MODERATE	HIGH	HIGH	MODERATE	MODERATE	5
5	179Y1A0206	Chandrakala	HIGH	HIGH	MODERATE	HIGH	MODERATE	5
6	179Y1A0207	Jagapathi Babu	MODERATE	HIGH	HIGH	HIGH	MODERATE	5
7	179Y1A0208	Kumar	HIGH	HIGH	MODERATE	MODERATE	MODERATE	5
8	179Y1A0209	Renuka Devi	LOW	MODERATE	MODERATE	HIGH	HIGH	4
9	179Y1A0210	Gorantla Sasidhar	HIGH	HIGH	MODERATE	HIGH	HIGH	5
10	179Y1A0211	Snehalatha	LOW	MODERATE	HIGH	HIGH	HIGH	5
11	179Y1A0212	Lakshmikanth	HIGH	HIGH	HIGH	HIGH	HIGH	4
12	179Y1A0214	Manchala Sowmya	HIGH	HIGH	MODERATE	HIGH	HIGH	4
13	179Y1A0221	Rayapu Vennela	HIGH	LOW	HIGH	HIGH	HIGH	5
14	179Y1A0222	Venkatesh	HIGH	HIGH	LOW	HIGH	HIGH	4
15	179Y1A0223	Farooq	MODERATE	HIGH	MODERATE	HIGH	MODERATE	5
16	179Y1A0224	Shaik Misba Sania	LOW	HIGH	HIGH	HIGH	MODERATE	4
17	179Y1A0225	Panyam	LOW	HIGH	HIGH	MODERATE	MODERATE	4
18	179Y1A0226	Syed Azaruddin	HIGH	HIGH	HIGH	MODERATE	HIGH	5
19	179Y1A0227	Parvez	LOW	HIGH	HIGH	HIGH	LOW	4

20	179Y1A0228	Tabassum	HIGH	HIGH	HIGH	MODERATE	HIGH	5
21	179Y1A0230	Reddy	LOW	HIGH	HIGH	MODERATE	LOW	5
22	189Y5A0201	Athinjeri Rajesh	MODERATE	MODERATE	MODERATE	HIGH	LOW	5
23	189Y5A0202	Sudarshan Reddy	LOW	HIGH	HIGH	HIGH	LOW	5
24	189Y5A0203	Kumar	HIGH	LOW	MODERATE	HIGH	HIGH	5
25	189Y5A0204	Lakshmi	LOW	LOW	HIGH	MODERATE	HIGH	5
26	189Y5A0205	Mohammed	HIGH	MODERATE	HIGH	HIGH	MODERATE	5
27	189Y5A0206	Nirankumar	HIGH	MODERATE	MODERATE	HIGH	HIGH	5
28	189Y5A0207	Dara Praveen	MODERATE	HIGH	HIGH	MODERATE	MODERATE	5
29	189Y5A0208	Kumar	HIGH	HIGH	MODERATE	HIGH	MODERATE	5
30	189Y5A0209	Kalyan	MODERATE	HIGH	HIGH	HIGH	MODERATE	5
31	189Y5A0210	Madhavi	HIGH	HIGH	MODERATE	MODERATE	MODERATE	5
32	189Y5A0212	Reddy Krishna	LOW	MODERATE	MODERATE	HIGH	HIGH	4
33	189Y5A0213	Kumar	HIGH	HIGH	MODERATE	HIGH	HIGH	5
34	189Y5A0216	Kumar Reddy	LOW	MODERATE	HIGH	HIGH	HIGH	5
35	189Y5A0231	Moghal Aslam Baig	HIGH	HIGH	HIGH	HIGH	HIGH	4
36	189Y5A0232	Kumar Reddy	HIGH	HIGH	MODERATE	HIGH	HIGH	4
37	189Y5A0233	Jyothsna	HIGH	LOW	HIGH	HIGH	HIGH	5
38	189Y5A0234	Kumar Reddy	HIGH	HIGH	LOW	HIGH	HIGH	4
39	189Y5A0235	Palla Ravivarma	MODERATE	HIGH	MODERATE	HIGH	MODERATE	5
40	189Y5A0236	Palla Reddaiah	LOW	HIGH	HIGH	HIGH	MODERATE	4
41	189Y5A0237	Kumar	LOW	HIGH	HIGH	MODERATE	MODERATE	4
42	189Y5A0238	Santhosh Reddy	HIGH	HIGH	HIGH	MODERATE	HIGH	5
43	189Y5A0239	Pattam Sraavan	LOW	HIGH	HIGH	HIGH	LOW	4
44	189Y5A0240	Teja	HIGH	HIGH	HIGH	MODERATE	HIGH	5
45	189Y5A0241	Kumar	LOW	HIGH	HIGH	MODERATE	LOW	5
46	189Y5A0242	Reddy	MODERATE	MODERATE	MODERATE	HIGH	LOW	5
47	189Y5A0220	Konangi Chandu	LOW	HIGH	HIGH	MODERATE	MODERATE	4
48	189Y5A0221	Kothapalli Somanju	HIGH	HIGH	HIGH	MODERATE	HIGH	5
49	189Y5A0222	Kumarakalva Balaji	LOW	HIGH	HIGH	HIGH	LOW	4
50	189Y5A0217	Kapa Omkar Reddy	MODERATE	HIGH	HIGH	HIGH	MODERATE	5

51	189Y5A0218	Kumar Reddy	HIGH	HIGH	MODERATE	MODERATE	MODERATE	5
52	189Y5A0219	Koduru Kumar	LOW	MODERATE	MODERATE	HIGH	HIGH	4
53	189Y5A0223	Kummara Vishnu	HIGH	HIGH	MODERATE	HIGH	HIGH	5
54	189Y5A0224	Kundala Sivasai	LOW	HIGH	HIGH	MODERATE	MODERATE	4
55	189Y5A0229	Reddy	HIGH	HIGH	HIGH	MODERATE	HIGH	5
56	189Y5A0230	Harshini	LOW	HIGH	HIGH	HIGH	LOW	4
57	189Y5A0227	Prakash Reddy	MODERATE	HIGH	HIGH	HIGH	MODERATE	5
58	189Y5A0228	Sai	HIGH	HIGH	MODERATE	MODERATE	MODERATE	5
59	189Y5A0206	Chundu Nirankumar	LOW	MODERATE	MODERATE	HIGH	HIGH	4
60	189Y5A0207	Dara Praveen	HIGH	HIGH	MODERATE	HIGH	HIGH	5

  
Coordinator

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