

Date: 10-02-2022.

From: -

Dr. Srinivasa Rao Veeranki,
Head of the Department,
Department of Electrical and Electronics Engineering,
Aditya Engineering College (A).

To: -

The Principal,
Aditya Engineering College (A).

Respected Sir,

Sub: - Requesting approval for the proposal of organizing "PLC and SCADA Programming" as a Value Added Course...reg.

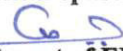
The Department of Electrical and Electronics Engineering would like to organize a Value Added Course titled "PLC and SCADA Programming" from 18-04-2022 to 23-04-2022 in order to apply the knowledge in monitoring and Controlling PLC operations to the students. Therefore, I kindly request you to approve the proposal.

Thanking you,

*Permitted
Sulay*

Yours truly,

Head of the Department,


Department of EEE.

Head of The Department
Dept: Of Electrical & Electronics Engineering
Aditya Engineering College (A9)



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 11-03-2022

CIRCULAR

All the B.Tech students of Electrical and Electronics Engineering department are here by informed that a Value Added Course named "PLC and SCADA Programming" is going to commence from 18-04-2022 to 23-04-2022 in the online mode. The interested students can register and complete the course. For further details, contact Dr. V. Srinivasa Rao, Professor and HOD, Department of Electrical and Electronics Engineering

Note: Venue: 2nd Floor Seminar Hall (Room Number: 201), EEE Department, KLR Bhavan

Head of the Department

Head of The Department
Dr. V. Srinivasa Rao
Dept. Of Electrical & Electronics Engineering
Aditya Engineering College (A9)

COURSE CONTENT

The following topics will be covered

Topic	Hours
Introduction to SCADA , Download and Install SCADA Software, WinCC Software Introduction, Simple Digital System, Simple Analog System Basics of Machine Learning, Classification,	12
Interfacing of SCADA with PLC, Control PLC Program from SCADA, Digital Alarms Virtual Simulation, Digital Alarms Interfacing with PLC, Analog Alarms Virtual Simulation, Analog Alarms Interfacing with PLC	13
Basic Report Generation, Import and Export SCADA Project using CSV Files, Open Database Connectivity (ODBC)	10
Total hours	35

COURSE OUTCOMES

- At the end of the course student will be able to
- Understand how to link it to the PLC and create tags
 - Understand how to interfacing SCADA with PLC
 - Apply the knowledge in monitoring and Controlling PLC operations

RESOURCE PERSON

Mr. Ch Amarendra

Assistant Professor

Department of Electrical & Electronics Engineering, AEC

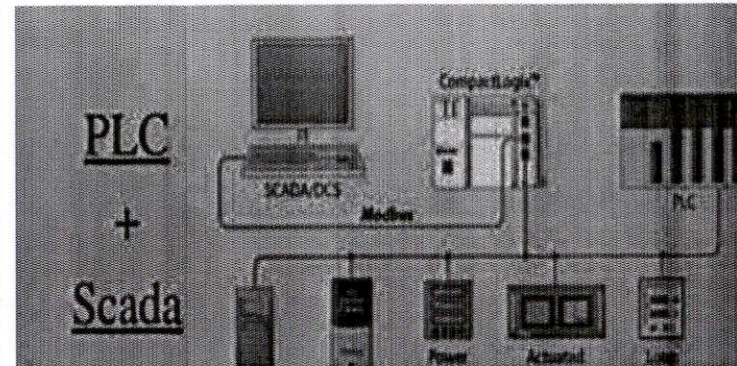
Email: amarendra.ch@aec.edu.in

Value Added Course

on

PLC and SCADA Programming

18th April to 23rd April 2022



Organized by

Department of Electrical & Electronics Engineering



ADITYA ENGINEERING COLLEGE

CO-ORDINATOR

Mr. Ram Babu Kasukurthi

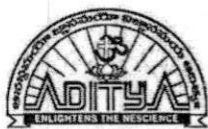
Assistant Professor

Email: rambabu.k@aec.edu.in

PRINCIPAL

ADITYA ENGINEERING COLLEGE

SURAMPalem - 533 437



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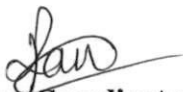
Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Department of Electrical and Electronics Engineering

Value Added Course Report

Event name	PLC and SCADA Programming	
Introduction to Event	The primary difference between a PLC (or Programmable Logic Controller) and SCADA (Supervisory Control and Data Acquisition) is the fact that a PLC is hardware and SCADA is (generally) software, though some would argue that SCADA is a plant's overall control system using hardware and software elements.	
Event date	18-04-2022 to 23-04-2022	
Number of days	06	
Coordinator(s)	Mr. Ram Babu Kasukurthi	
Agenda/Event Flow	Topic	Hours
	Introduction to SCADA , Download and Install SCADA Software, WinCC Software Introduction, Simple Digital System, Simple Analog System Basics of Machine Learning, Classification, Fitting of Model with Cross-Validation, Bias Variance Tradeoff.	12
	Interfacing of SCADA with PLC, Control PLC Program from SCADA, Digital Alarms Virtual Simulation, Digital Alarms Interfacing with PLC, Analog Alarms Virtual Simulation, Analog Alarms Interfacing with PLC	13
	Basic Report Generation, Import and Export SCADA Project using CSV Files, Open Database Connectivity (ODBC)	10
	Total hours	35
No of students participated and list	119 and the participant list is Enclosed	
Target participants	B.Tech VI Semester	
Participants Attendance Sheet(enclosure)	Enclosed	
Resource person(s)	Mr. Ch. Amarendra Assistant Professor Contact No. 7729990303 Email: amarendra.ch@aec.edu.in	

Profile of resource person(s) in brief	Enclosed
Location and venue	KLB 201, Aditya Engineering College
Outcomes	At the end of the course student will able to • Understand how to link it to the PLC and create tags • Understand how to interfacing SCADA with PLC • Apply the knowledge in monitoring and Controlling PLC operations


Course Coordinator


Head of the Department
 Head of The Department
 Dept: Of Electrical & Electronics Engineering
 Aditva Engineering College (A9)



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Department of Electrical and Electronics Engineering

Course: PLC and SCADA Programming

List of students registered for the course

Scheduled Tenure: 18-04-2022 to 23-04-2022

Venue: KLB 201

S.NO	Roll No	Name	Semester
1.	18A91A0203	BADRI VENKAT NEERAJ	VI
2.	18A91A0269	KUNISETTI LAKSHMI RAGINI	VI
3.	18A91A0273	MELIMI RAMESH	VI
4.	18A91A0288	TORATI SURYA VENKATA MANI BHUSHAN	VI
5.	19A91A0201	ADABALA SIVA NOOKA PRASAD	VI
6.	19A91A0202	ADNAN MUHAMMED YOONUS	VI
7.	19A91A0203	AKULA MADHUBABU	VI
8.	19A91A0204	AKULA VISHNU VARDHAN	VI
9.	19A91A0205	ASAPU SUJITHA	VI
10.	19A91A0206	BANGARU BHAVANNARAYANA	VI
11.	19A91A0207	BEJAWADA SATYA SAI VEERA MANIKANTA	VI
12.	19A91A0208	BODDETI LAKSHMI SRUJIN	VI
13.	19A91A0209	CHELLURI SRI SATYA SAI ARUN	VI
14.	19A91A0210	CHIKKALA SATYA VENKATA GANESH	VI
15.	19A91A0211	CHIKKAM RAMA LAKSHMI TULASI CHARITA	VI
16.	19A91A0212	CHINTAPALLI AKSHAY KUMAR	VI
17.	19A91A0213	DASARI VINEETH	VI
18.	19A91A0214	DEVINEDDI VEERA VENKATA SATISH	VI
19.	19A91A0215	DOMMETI VARUN	VI
20.	19A91A0216	DUMANTHU DEVENDRA NATH	VI
21.	19A91A0217	DUNNA ABHIRAM	VI
22.	19A91A0218	DWARAMPUDI SATYAVENI	VI
23.	19A91A0219	GARAGA SURESH	VI
24.	19A91A0220	GEDDADA JOSEPH KISHORE	VI
25.	19A91A0221	GORRELA TARAKA RAMAKRISHNA	VI
26.	19A91A0222	GUTTULA SIVA SANDEEP	VI
27.	19A91A0223	JONNADA DURGA SATISH	VI
28.	19A91A0224	KAKI NANDA SAI KIRAN	VI
29.	19A91A0225	KANALA VENKATA SRIKANTH REDDY	VI
30.	19A91A0226	KANDREGULA HARI SANKARA SAMEER	VI
31.	19A91A0227	KARRI GANGADHAR	VI
32.	19A91A0228	KIRAN KUMAR TUMMALAPALLI	VI
33.	19A91A0229	KODURI VENKATA SAI PAVAN	VI
34.	19A91A0230	KONA SRI RAM	VI
35.	19A91A0231	KOPPAKA GANESH	VI
36.	19A91A0232	KOTHAPALLI SRI CHARAN	VI
37.	19A91A0233	KURMADASU PRASANNA LAKSHMI ANUSHA	VI

38.	19A91A0234	KUSUM KIRAN BHARTI	VI
39.	19A91A0235	MALLIDI DEVIKA REDDY	VI
40.	19A91A0236	MALLUVALASA VEERA VENKATA RAMESH	VI
41.	19A91A0237	MANAM SAI RAM MANIKANTA	VI
42.	19A91A0238	MARAMPUDI SRINIVAS	VI
43.	19A91A0239	MEDISETTI SAI SUDHEER	VI
44.	19A91A0240	MURAMALLA SUPRIYA	VI
45.	19A91A0241	PALIKA CHANDRA SEKHAR	VI
46.	19A91A0242	PAPASANI LOKESH REDDY	VI
47.	19A91A0243	PARAVADA SHEKAR	VI
48.	19A91A0244	PEMMANABOINA VEERA VENKATA SATYA MANIKANTA	VI
49.	19A91A0245	PIRADI ARUN	VI
50.	19A91A0246	PISINI SATHISH	VI
51.	19A91A0247	POLARATHI RAMAGANGA DURGA PRASAD	VI
52.	19A91A0248	PUSARLA SAI PHANI SASHANK	VI
53.	19A91A0249	REDDY MANIKANTA	VI
54.	19A91A0250	RAJULAPUDI SUNILKUMAR	VI
55.	19A91A0251	RAYAPUDI KARTHIK	VI
56.	19A91A0252	REDDY RAGHUVVEER KOUSHIK	VI
57.	19A91A0253	SIRIGIRISETTY VAMSI	VI
58.	19A91A0254	TALLA JASWANTH REDDY	VI
59.	19A91A0255	TARLAPU VEERA VENKATA SAI LAKSHMAN	VI
60.	19A91A0256	TERLAPU DHANANJAYANAIDU	VI
61.	19A91A0257	UBA SYAM PRASAD	VI
62.	19A91A0258	UMMIDI GANGA VISHNU	VI
63.	19A91A0259	VANARASI MURALI	VI
64.	19A91A0260	VANGA NATARAJA SHANMUKHA SRINIVAS	VI
65.	19A91A0261	VELUGUBANTLA PRANUSHA	VI
66.	19A91A0262	VIPPARLA NAGA MALLESWARA RAO	VI
67.	19A91A0263	YARRAMSETTI MANIKANTA	VI
68.	19A91A0264	YENUGANTI VEERA VASANTHARAO	VI
69.	19A91A0265	MORUKURTHI PAVAN KUMAR	VI
70.	19A91A0266	YANAMALA CHANDRAMOULI	VI
71.	20A95A0201	ADDANKI NITHIN KUMAR	VI
72.	20A95A0202	ADDURI VENKATACHALAM	VI
73.	20A95A0203	ALAVALA MADHUVIKA	VI
74.	20A95A0204	ALLU GOWRI SHANKAR NAGA SAI	VI
75.	20A95A0205	ANUSURI ESWARI	VI
76.	20A95A0206	BAGATHI DURGA SANKAR	VI
77.	20A95A0207	BALAGAM KARTHIK SAI KIRAN	VI
78.	20A95A0208	BANDAMRAVURI PRAMODH	VI
79.	20A95A0209	CHALLA RAMAKRISHNA MANIKANTA PRASAD	VI
80.	20A95A0210	CHALLAPALLI JASWANTH	VI
81.	20A95A0211	CHAVVAKULA DURGA BHAVANI	VI
82.	20A95A0212	CHELLE SUDARSHINI	VI
83.	20A95A0214	DASARI LAKSHMI NARASIMHA	VI
84.	20A95A0215	ELURI DURGA SIVASANTOSH	VI
85.	20A95A0216	EMMANDI DEVI SRI SAI PRASAD	VI

86.	20A95A0217	GEDDAM BHANUPRAKASH	VI
87.	20A95A0218	GOWDA TEJASWINI	VI
88.	20A95A0219	JETTI BALANAGU	VI
89.	20A95A0220	KADULURI KUMAR SRI TEJA	VI
90.	20A95A0221	KANAKALA SOMA MAHESH VARDHAN	VI
91.	20A95A0222	KANTASPURTHI AKASH SIVA SATYA PREMKUMAR	VI
92.	20A95A0223	KASI JYOTHI PRIYA	VI
93.	20A95A0224	KATE SUNIL KUMAR	VI
94.	20A95A0225	KOLLU SRI CHARAN	VI
95.	20A95A0226	KOMMANABOYINA AKSHAY KUMAR	VI
96.	20A95A0227	LADDIKA VENKATA SUMANTH	VI
97.	20A95A0228	MAJJURI UMA MAHESWARARAO	VI
98.	20A95A0229	MALLESWARAPU VENKATA SURYA SAI MAHESH BABU	VI
99.	20A95A0230	MAMIDISETTI RAVI KIRAN	VI
100.	20A95A0231	MERAKA RAMU	VI
101.	20A95A0232	MORTHA VEERA VENKATA RAKESH	VI
102.	20A95A0233	NADIPALLI NAGA MOHAN TEJA	VI
103.	20A95A0234	NANDIVADA JAYADEV BASAVA KUMAR	VI
104.	20A95A0235	PERI SARATH	VI
105.	20A95A0236	PILLI JAYA VENKATA PRAVEEN	VI
106.	20A95A0237	POKALA MOHAN VARA PRASAD	VI
107.	20A95A0238	POKURI VENKATA SAI TEJA	VI
108.	20A95A0239	REPALLE LEELAKRISHNA	VI
109.	20A95A0240	SADE VIJAY BABU	VI
110.	20A95A0241	SHAIK NAYEEM	VI
111.	20A95A0242	SODIPINDI SRINIVAS	VI
112.	20A95A0243	SUDIKONDA JAGAN VENU DURGA PYDIPRASAD	VI
113.	20A95A0244	TATIKONDA SATYAVATHI	VI
114.	20A95A0245	THAMMISETTI GOPI	VI
115.	20A95A0246	TUMU VENKATESWARA REDDY	VI
116.	20A95A0247	UNKILI DELHI PRASAD	VI
117.	20A95A0248	VAKAPALLI VAMSI	VI
118.	20A95A0249	VANGALAPUDI VARAPRASAD	VI
119.	20A95A0251	VIPPARTHI ABHISHEK SURYA	VI



Course Coordinator



Head of the Department

Head of The Department
Dept: Of Electrical & Electronics Engineering
Aditva Engineering College (A9)

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Department:Electrical and Electronics Engineering				Attendance,Duration: 18-04-2022 to 23-04-2022																																			
Course: PLC AND SCADA PROGRAMMING				18-04-2022				19-04-2022				20-04-2022				21-04-2022				22-04-2022				23-04-2022															
				FN			AN	FN			AN	FN			AN	FN			AN	FN			AN	FN			FN												
S.No	Roll No	Name	Semester	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	32	33	34	35	
26	19A91A0222	GUTTULA SIVA SANDEEP	VI	Sandeep			Sandeep			Sandeep			Sandeep			Sandeep			Sandeep			Sandeep			Sandeep			Sandeep			Sandeep			Sandeep			Sandeep		
27	19A91A0223	JONNADA DURGA SATISH	VI	Satish			Satish			Satish			Satish			Satish			Satish			Satish			Satish			Satish			Satish			Satish			Satish		
28	19A91A0224	KAKI NANDA SAI KIRAN	VI	Kiran			Kiran			Kiran			Kiran			Kiran			Kiran			Kiran			Kiran			Kiran			Kiran			Kiran			Kiran		
29	19A91A0225	KANALA VENKATA SRIKANTH REDDY	VI	Srikanth			Srikanth			Srikanth			Srikanth			Srikanth			Srikanth			Srikanth			Srikanth			Srikanth			Srikanth			Srikanth			Srikanth		
30	19A91A0226	KANDREGULA HARI SANKARA SAMEER	VI	Hari			Hari			Hari			Hari			Hari			Hari			Hari			Hari			Hari			Hari			Hari			Hari		
31	19A91A0227	KARRI GANGADHAR	VI	Gangadh			Gangadh			Gangadh			Gangadh			Gangadh			Gangadh			Gangadh			Gangadh			Gangadh			Gangadh			Gangadh			Gangadh		
32	19A91A0228	KIRAN KUMAR TUMMALAPALLI	VI	Kiran			Kiran			Kiran			Kiran			Kiran			Kiran			Kiran			Kiran			Kiran			Kiran			Kiran			Kiran		
33	19A91A0229	KODURI VENKATA SAI PAVAN	VI	Sai			Sai			Sai			Sai			Sai			Sai			Sai			Sai			Sai			Sai			Sai			Sai		
34	19A91A0230	KONA SRI RAM	VI	Sriram			Sriram			Sriram			Sriram			Sriram			Sriram			Sriram			Sriram			Sriram			Sriram			Sriram			Sriram		
35	19A91A0231	KOPPAKA GANESH	VI	Ganesh			Ganesh			Ganesh			Ganesh			Ganesh			Ganesh			Ganesh			Ganesh			Ganesh			Ganesh			Ganesh			Ganesh		
36	19A91A0232	KOTHAPALLI SRI CHARAN	VI	Charan			Charan			Charan			Charan			Charan			Charan			Charan			Charan			Charan			Charan			Charan			Charan		
37	19A91A0233	KURMADASU PRASANNA LAKSHMI ANUSHA	VI	Anush			Anush			Anush			Anush			Anush			Anush			Anush			Anush			Anush			Anush			Anush			Anush		
38	19A91A0234	KUSUM KIRAN BHARTI	VI	Bharti			Bharti			Bharti			Bharti			Bharti			Bharti			Bharti			Bharti			Bharti			Bharti			Bharti			Bharti		
39	19A91A0235	MALLIDI DEVIKA REDDY	VI	Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy		
40	19A91A0236	MALLUVALASA VEERA VENKATA RAMESH	VI	Ramesh			Ramesh			Ramesh			Ramesh			Ramesh			Ramesh			Ramesh			Ramesh			Ramesh			Ramesh			Ramesh			Ramesh		
41	19A91A0237	MANAM SAI RAM MANIKANTA	VI	Sriram			Sriram			Sriram			Sriram			Sriram			Sriram			Sriram			Sriram			Sriram			Sriram			Sriram			Sriram		
42	19A91A0238	MARAMPUDI SRINIVAS	VI	Srinivas			Srinivas			Srinivas			Srinivas			Srinivas			Srinivas			Srinivas			Srinivas			Srinivas			Srinivas			Srinivas			Srinivas		
43	19A91A0239	MEDISETTI SAI SUDHEER	VI	Sudheer			Sudheer			Sudheer			Sudheer			Sudheer			Sudheer			Sudheer			Sudheer			Sudheer			Sudheer			Sudheer			Sudheer		
44	19A91A0240	MURAMALLA SUPRIYA	VI	Supriya			Supriya			Supriya			Supriya			Supriya			Supriya			Supriya			Supriya			Supriya			Supriya			Supriya			Supriya		
45	19A91A0241	PALIKA CHANDRA SEKHAR	VI	Sekhar			Sekhar			Sekhar			Sekhar			Sekhar			Sekhar			Sekhar			Sekhar			Sekhar			Sekhar			Sekhar			Sekhar		
46	19A91A0242	PAPASANI LOKESH REDDY	VI	Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy		
47	19A91A0243	PARAVADA SHEKAR	VI	Shek			Shek			Shek			Shek			Shek			Shek			Shek			Shek			Shek			Shek			Shek			Shek		
48	19A91A0244	PEMMANABOINA VEERA VENKATA SATYA MANIKANTA	VI	Manika			Manika			Manika			Manika			Manika			Manika			Manika			Manika			Manika			Manika			Manika			Manika		
49	19A91A0245	PIRADI ARUN	VI	Arun			Arun			Arun			Arun			Arun			Arun			Arun			Arun			Arun			Arun			Arun			Arun		
50	19A91A0246	PISINI SATHISH	VI	Sathish			Sathish			Sathish			Sathish			Sathish			Sathish			Sathish			Sathish			Sathish			Sathish			Sathish			Sathish		
51	19A91A0247	POLARATHI RAMAGANGA DURGA PRASAD	VI	Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad		
52	19A91A0248	PUSARLA SAI PHANI SASHANK	VI	Phani			Phani			Phani			Phani			Phani			Phani			Phani			Phani			Phani			Phani			Phani			Phani		
53	19A91A0249	REDDY MANIKANTA	VI	Manik			Manik			Manik			Manik			Manik			Manik			Manik			Manik			Manik			Manik			Manik			Manik		
54	19A91A0250	RAJULAPUDI SUNILKUMAR	VI	Sunil			Sunil			Sunil			Sunil			Sunil			Sunil			Sunil			Sunil			Sunil			Sunil			Sunil			Sunil		

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Department:Electrical and Electronics Engineering				Attendance,Duration: 18-04-2022 to 23-04-2022																																														
Course: PLC AND SCADA PROGRAMMING				18-04-2022			19-04-2022			20-04-2022			21-04-2022			22-04-2022			23-04-2022																															
				FN			AN			FN			AN			FN			AN			FN			AN																									
S.No	Roll No	Name	Semester	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	32	33	34	35												
55	19A91A0251	RAYAPUDI KARTHIK	VI	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik					
56	19A91A0252	REDDY RAGHUVeer Koushik	VI	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik	Koushik				
57	19A91A0253	SIRIGIRISETTY VAMSI	VI	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi			
58	19A91A0254	TALLA JASWANTH REDDY	VI	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth			
59	19A91A0255	TARLAPU VEERA VENKATA SAI LAKSHMAN	VI	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman	Lakshman			
60	19A91A0256	TERLAPU DHANANJAYANAIDU	VI	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu		
61	19A91A0257	UBA SYAM PRASAD	VI	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad		
62	19A91A0258	UMMIDI GANGA VISHNU	VI	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	
63	19A91A0259	VANARASI MURALI	VI	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali	Murali		
64	19A91A0260	VANGA NATARAJA SHANMUKHA SRINIVAS	VI	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	
65	19A91A0261	VELUGUBANTLA PRANUSHA	VI	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	Pranusha	
66	19A91A0262	VIPPARLA NAGA MALLESWARA RAO	VI	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara	Malleswara		
67	19A91A0263	YARRAMSETTI MANIKANTA	VI	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	
68	19A91A0264	YENUGANTI VEERA VASANTHARAO	VI	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao
69	19A91A0265	MORUKURTHI PAVAN KUMAR	VI	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar												

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Department:Electrical and Electronics Engineering				Attendance,Duration: 18-04-2022 to 23-04-2022																																				
Course: PLC AND SCADA PROGRAMMING				18-04-2022			19-04-2022			20-04-2022			21-04-2022			22-04-2022			23-04-2022																					
				FN			AN			FN			AN			FN			AN			FN			AN															
S.No	Roll No	Name	Semester	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	32	33	34	35		
85	20A95A0216	EMMANDI DEVI SRI SAI PRASAD	VI	E.D.S.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad	G.Prasad		
86	20A95A0217	GEDDAM BHANUPRAKASH	VI	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	G.prakash	
87	20A95A0218	GOWDA TEJASWINI	VI	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	
88	20A95A0219	JETTI BALANAGU	VI	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	B.Naju	
89	20A95A0220	KADULURI KUMAR SRI TEJA	VI	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	K.Teja	
90	20A95A0221	KANAKALA SOMA MAHESH VARDHAN	VI	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	Vardhan	
91	20A95A0222	KANTASPURTHI AKASH SIVA SATYA PREMKUMAR	VI	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	K.AKASH	
92	20A95A0223	KASI JYOTHI PRIYA	VI	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	
93	20A95A0224	KATE SUNIL KUMAR	VI	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil	K.sunil
94	20A95A0225	KOLLU SRI CHARAN	VI	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan	K.charan
95	20A95A0226	KOMMANABOYINA AKSHAY KUMAR	VI	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	K.A.K	
96	20A95A0227	LADDIKA VENKATA SUMANTH	VI	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	L.SUMANTH	
97	20A95A0228	MAJJURI UMA MAHESWARARAO	VI	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	M.P.Rao	
98	20A95A0229	MALLESWARAPU VENKATA SURYA SAI MAHESH BABU	VI	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya
99	20A95A0230	MAMIDISETTI RAVI KIRAN	VI	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran
100	20A95A0231	MERAKA RAMU	VI	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram	M.Ram
101	20A95A0232	MORTHA VEERA VENKATA RAKESH	VI	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	M.V.R	
102	20A95A0233	NADIPALLI NAGA MOHAN TEJA	VI	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja																											

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Department:Electrical and Electronics Engineering				Attendance,Duration: 18-04-2022 to 23-04-2022																																			
Course: PLC AND SCADA PROGRAMMING				18-04-2022						19-04-2022						20-04-2022						21-04-2022						22-04-2022						23-04-2022					
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S.No	Roll No	Name	Semester	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	32	33	34	35	
114	20A95A0245	THAMMISETTI GOPI	VI	Gopi			Gopi			Gopi			Gopi			Gopi			Gopi			Gopi			Gopi			Gopi			Gopi			Gopi			Gopi		
115	20A95A0246	TUMU VENKATESWARA REDDY	VI	Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy			Reddy		
116	20A95A0247	UNKILI DELHI PRASAD	VI	Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad		
117	20A95A0248	VAKAPALLI VAMSI	VI	Vamsi			Vamsi			Vamsi			Vamsi			Vamsi			Vamsi			Vamsi			Vamsi			Vamsi			Vamsi			Vamsi			Vamsi		
118	20A95A0249	VANGALAPUDI VARAPRASAD	VI	Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad			Prasad		
119	20A95A0251	VIPPARTHI ABHISHEK SURYA	VI	Surya			Surya			Surya			Surya			Surya			Surya			Surya			Surya			Surya			Surya			Surya			Surya		
Day-Day Course Coordinator Sign				[Signature]						[Signature]						[Signature]						[Signature]						[Signature]						[Signature]					

Course Coordinator

Head of the Department
Dept: Of Electrical & Electronics Engineering
Aditya Engineering College (A9)



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

Recognised by UGC under sections 2 (f) and 12 (B) of UGC Act, 1956

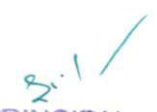
Aditya Nagar, ADB Road, Surampalem- 533437, Near Kakinada, E.G. Dt., Ph: 99498 76662

Department of Electrical and Electronics Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. MANIKANTA REDDY bearing roll no 19A91A0249 of VI Semester has completed the Value Added Course “PLC and SCADA Programming” during the period 18-04-2022 to 23-04-2022 .


Course Instructor


PRINCIPAL
ADITYA ENGINEERING COLLEGE
SURAMPALAM - 533 437


Head of the Department
Aditya Engineering College (A9)

Curriculum vitae

Chennapragada Amarendra, M.Tech, M.I.S.T.E,(Ph.D.)

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Google Scholar Profile :-

<https://scholar.google.com/citations?user=X2CM2tYAAAAJ&hl=en>

Scopus ID :-

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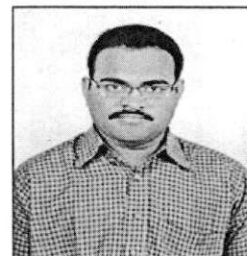
Web of Science Researcher ID:- AAO-8707-2020

Publons Profile:-

<https://publons.com/researcher/3189158/amarendra-ch/>

ResearchGate Profile:-

https://www.researchgate.net/profile/Ch_Amarendra



CAREER OBJECTIVE:

To grow up with an Organization as an Electrical Engineer where my knowledge, skills and ability to work in a new environment and be functional immediately, contributing personally for the development of the Organization. I am quick to learn and adapt to new situations and technologies.

EDUCATION QUALIFICATION:

- Pursuing **Ph.D.** in KL University, Vijayawada, registered in Jan 2014.
- **M.Tech in Power Electronics and Drives** from KL University, Vijayawada with **8.35 CGPA**. 2011-2013.
- **B.Tech in Electrical and Electronics Engineering** from Amrita School of Engineering, Bangalore with **6.5 CGPA**, 2007-2011.
- Board of Intermediate from Smt. Doddapaneni Indira Jr. Collage, Tenali with **86%**. 2005-2007.
- **S.S.C** from Sree Sai High School, Tenali with **83%**. 2005-2005.

Ph. D. Research topic :

Title: **Reduction of output voltage harmonics in Direct Matrix Converter using PSO.**

Supervisor: **Dr. K. Harinadha Reddy,**

Vice Principal & Professor in EEE department, LBRCE, Mylavaram.

M.Tech Final Project:

Title: **Comparative study of DSVM and ISVM for matrix converter**

WORK EXPERIENCE

- Working as assistance professor in ADITYA ENGINEERING COLLEGE, surampalem.

From May 2013 to till the date.

- Held various administrative duties in the department.
 - Department Exam cell in-charge.
 - Department OBE co-ordinator (Expert in OBE formats and NPTEL certified professional)
 - Department Autonomous Coordinator.
 - Department MOOCs/NPTEL/Spoken Tutorial Coordinator.
- Worked as i/c Professor Hostel Academics Jan 2014 to Jan 2015.
- Worked as College Exam Cell In-Charge from Jan 2015 to March 2016.
- Total Teaching Experience: 8 years

SUBJECTS TOUGHT

- Power Electronic Converter and AC Drives(M.Tech) – 2 Times
- Electrical Machine Modelling and Analysis(M.Tech)- 3 Times
- Electrical Machines-I,(B.Tech) 2 Time
- Network Analysis(B.Tech) – 2 Times
- Basic Electrical and Electronics Engineering (B.Tech)- 3 Times
- Electrical Technology(B.Tech)- 4 Time

PAPERS PUBLISHED

1. **Ch. Amarendra**, V. Siva Reddy, Sk. Moulali, K. Harinadha Reddy, Ch. Rami Reddy, " Resonance Propagation And Elimination In Integrated And Islanded Microgrids International Journal Of Power Electronics And Drive System (JPEDS).2018
2. **Ch Amarendra**, Pvp Ram,"Comparative Study of Dsvm and Isvm for Matrix Converter,Indian Journal Of Applied Research (IJAR) 3 (6), 2013.
3. **Ch Amarendra**, K Harinahda Reddy, "Investigation And Analysis Of Space Vector Modulation With Matrix Converter Determined Based On Fuzzy C-Means Tuned Modulation Indexs, International Journal Of Electrical And Computer Engineering 6 (5), Pp.1939, 2016.
4. K Harinadha Reddy, S Govinda Raju, **Ch. Amerandra**, "Fuzzy Inference Aco Islanding Detection And Stability Analysis Of Integrated Power System", IEEE Power & Energy Society Innovative Smart Grid Technologies Conference (ISGT),Washington DC.
5. V S S Gowthami **Ch. Amarendra**, Solar Powered Arduino Uno Based Auto Irrigation System, Indian Journal Of Applied Research(IJAR),pp.1-2,2019
6. **Ch Amarendra**, K Harinadha Reddy, "PSO Algorithm Support Switching Pulse Sequence Isvm For Six-Phase Matrix Converter-Fed Drives", Smart Intelligent Computing And Applications, Pp. 559-569, Springer, Singapore.
7. **Ch Amarendra**, K Harinadha Reddy,"Performance Analysis Of A Matrix Converter Fed Induction Motor Drive Using Fuzzy Based Svm Modeling", IJCTA, Volume 10,Issue.5,Pp. 207-212, 2017.
8. **Ch Amarendra** ,G Srinivasa Rao, K Harinadha Reddy, Raghu Thumu,Design Of Solar Bicycle, Jards,2017.
9. **Ch Amarendra**, K Harinadha Reddy," PSO supported Dual Matrix Converter for Doubly fed Induction Generated Driven by variable speed wind turbine system", Vol. 10 Issue. 1, IJRER, March 2020.
10. **Ch Amarendra**, K Harinadha Reddy,"Performance Analysis intelligent based Advanced PSO Algorithm and Testing of real time Matrix Converter Electrical System", Soft Computing, Springer Nature.

CONFERENCE ATTENDED

- International Conference On Smart Electric Grid Conducted By KL University, Sep 2014

- A National Level Conference on Power Electronics Conducted By Vishu Engg College, Bhimavaram, Feb 2014.
- 2nd International Conference on Computational Intelligence & Informatics ICCII-2018 on September 2017 Organized by Department of Computer Science & Engineering, JNTUH College of Engineering Hyderabad.
- 2nd International Conference Smart Computing & Informatics-2018, conducted by PVPSIT, Vijayawada, Jan 2018.

SHORT TERM & CERTIFICATE COURSES ATEENDED

- A Certificate Course on "Research Methodology" Conducted By KI University, Vaddeswaram, Jan 2014.
- A Certificate Course on "Electrical Machine Modelling and Analysis" Conducted By KI University, Vaddeswaram, July 2014.
- A Short Term Course On "Smart Distribution System" Conducted By KI University, Vaddeswaram, Dec 2015.

WORK SHOPS ATTENDED

- A National Level Work Shop On "Energy Auditing and Conservation" Organized By KI University, Vaddeswaram, May 2013.
- A National Level Work Shop On "MATLAB and Applications on Electrical engineering" Organised By Aditya Engineering College, Sep 2013.

WORK SHOPS ORGANIZED OR GUEST LECTURES DELIVERED

- A Guest lecture delivered on "Advancements in Matrix Converter and Simulation" on 23rd April 2020, organized by Department of EEE, CMRCET, Hyderabad.
- A Guest lecture delivered on "Nature inspired Optimization Algorithms" on 15-06-2020, organized by Department of EEE, Aditya Polytechnique College, Kakinada.

TECHNICAL SKILLS:

- Built many Algorithm principal based circuits.
- Presented Mini Projects in work Shops and Seminars organised by our institution and taken advice from the experts for the betterment in developing the circuit design and its applications.
- Well versed and trained to handle individually for developing PCB by laser printing method using eagle software as a part of my Academic Curriculum.
- Worked on various simulation software like MATLAB, Simulink, P Spice, MASM and CAD.
- Usage of the C & C++ basics, Graphics and Programming outputs in mini projects.

PERSONAL STRENGTH:

- Good communication skills and Interpersonal skills
- Possesses a strong analytical aptitude in work environment
- Compatible in handling all levels of people, during my academics carrier I learned to work in teams.
- Enthusiasm to learn and teach.

PERSONAL PROFILE:

- Date of Birth : 25th July, 1990
- Fathers' Name : CH. V. Appa Rao
- Mothers' Name : CH. Kanaka Druga
- Nationality : Indian
- Languages Spoken : English , Hindi , Kannada and Telugu
- Address for Communication : Sri Sai Homeo Stores, Gandhi Chock,
Tenali (M), Guntur (D), Andhra Pradesh. India –
522201.

DECLARATION:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Kakinada

Chennapragada Amarendra


Head of The Department
Dept: Of Electrical & Electronics Engineering
Aditva Engineering College (A)