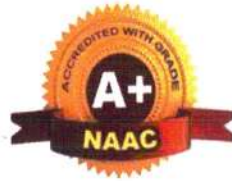




# SVCE

Sri Venkateswara  
College of  
Engineering



International Workshop on

## PLC and AUTOMATION

27<sup>th</sup> & 28<sup>th</sup> December, 2022

### Resource Person



**Dr. Ravindra Thamma**

Professor &  
Department Chair  
Manufacturing & Construction  
Management  
Central Connecticut  
State University, USA

### Venue

**Lecture Sessions:** Dr. A. C. Muthiah Seminar Hall, Central Library, SVCE

**Hands on Sessions:** Mechatronics Laboratory, Dept. of Mechanical Engg

Organized by  
Department of Mechanical Engineering, SVCE

### Chief Patron

**Dr. A.C. Muthiah**  
Chairman

### Patrons

**Dr. M. Sivanandham**  
Secretary, SVEHT  
**Shri. A. Muthukumar**  
Treasurer, SVEHT  
**Dr. S Ganesh Vaidyanathan**  
Principal, SVCE

### Coordinators

**Dr. S. Ramesh Babu**, Prof. & HoD / MEC  
**Dr. C. Senthamarai Kannan**, Asso. Prof. / MEC  
**Mr. M. Arul Kumar**, Asst. Prof. / MEC

Visit us at [www.svce.ac.in](http://www.svce.ac.in)



## Overview

Industrial automation is a set of technologies that uses control systems and devices, such as computer software and robotics, to enable automatic operation of industrial processes and machinery without the need for human operators. Industrial automation eliminates the possibility of human error, reduces costs, saves time, and achieves higher performance. PLCs are used in industrial automation to increase reliability, system stability and performance, minimizing the need for human operators and the chances of human error. PLC programming is extremely valuable to modern industry. The PLC enables cost-effective solutions to even the smallest and largest of manufacturers seeking solutions to complex assembly, process control, testing and manufacturing applications.

## About the Resource Person

Dr. Ravindra Thamma is currently a Professor of Robotics and Mechatronics at Central Connecticut State University, USA. He serves as Department Chair of Manufacturing and Construction Management at CCSU and as program coordinator of Robotics and Mechatronics. Dr. Ravindra Thamma has extensive background in laboratory and curriculum development to enhance education/research facilities and infrastructure to reduce the student learning curve when entering the workforce, while building a firm foundation for life-long professional development for the students. His teaching and research interests are programmable controllers, robotics, linear control systems, and intelligent systems. He is a member of IEEE, ISA, ATMAE.

## Topics to be Covered

- Introduction to Programmable logic controllers
  - File Structures, Addressing formats and PLC development
  - Basic, Advance Instruction set and instruction handling
  - Analog I/O
  - Troubleshooting
  - PLC applications and Wiring
- ❖ Hands On Laboratory Session using PLC Kit - 30 Industrial Applications will be covered.

## Participants

- Faculty, Student, Research scholar from Academic institutions and Professionals from Industries
- All department faculty members are eligible to participate.
- Registration Fees : Rs 750/- to be paid through GPay
- Kindly pay the registration fees through Google pay.( Mr. M.ArulKumar, 9488990085)
- Seats limited to 50 Numbers on " First come first serve" basis
- Hostel Facilities will be available on prior request.

**Last date for Registration :** 25<sup>th</sup> December, 2022

**Registration link:** <https://forms.gle/StTCWu2XiEPRreG2A7>

**Contact :** Dr. C. SenthamaraiKannan, 9942860999, [senthamarai@svce.ac.in](mailto:senthamarai@svce.ac.in)  
Mr. M.ArulKumar, 9488990085, [arulkuumar@svce.ac.in](mailto:arulkuumar@svce.ac.in)



**We cordially invite you for the**

**Inaugural function**

**of**

**Two-day**

**International Workshop on**

**PLC and Automation**

**By**

**Dr. Ravindra Thamma**

**Professor & Department Chair**

**Manufacturing & Construction Management**

**Central Connecticut State University, USA**

**Venue:**

**Dr. A. C. Muthiah Seminar Hall,**

**Central Library, SVCE**

**Date: 27<sup>th</sup> December, 2022**

**Time : 9.15 AM**

**All are Welcome**



## Inaugural function Schedule

**Prayer Song**

**Welcome Address**

**Dr. S. Ramesh Babu**

**Head of the Department,  
Mechanical Engineering**

**Presidential Address**

**Dr. K.R. Santha**

**Vice Principal, SVCE**

**Introduction of Chief Guest**

**Dr. C. Senthamaraiannan**

**Associate Professor/MEC**

**Inaugural Address by**

**Dr. Ravindra Thamma**

**Professor & Department Chair**

**Manufacturing & Construction Management**

**Central Connecticut State University, USA**

**All are Welcome**





**DEPARTMENT OF MECHANICAL ENGINEERING**

We cordially invite you for the Valedictory function of  
International Workshop on **“PLC and Automation”**

**Date :** 28<sup>th</sup> December, 2022

**Time :** 2.00 PM

**Venue:** Seminar hall, Dr. A. C. Muthiah Central Library, SVCE

- Prayer Song

- Welcome Address

**Dr. S. Ramesh Babu**  
Head of the Department  
Mechanical Engineering

- Feedback by Participants

- Valedictory Address

**Dr. K. Pitchandi**  
COE, SVCE

- Certificate Distribution By

**Dr. Ravindra Thamma**  
Professor & Department Chair  
Manufacturing & Construction Management  
Central Connecticut State University, USA

- Vote of Thanks

**Mr. M. Arulkumar**  
Assistant Professor, MEC

- National Anthem

**All are Welcome**



SRI VENKATESWARA COLLEGE OF ENGINEERING  
FEEDBACK FROM THE SPEAKER - GUEST LECTURE

DEPARTMENT : Mech. Engg.

Name of the Speaker	: Dr. Ravindra Tramma
Designation	: Professor
Institution/University/Organisation	: Central Connecticut State University USA
Mobile / E-mail	:
Title of the Lecture	: PLC & Automation
Date	: 27/12/2022 & 28/12/2022
Time	: two days.
Venue	: Mechanical Engg. Dept.
Comments by the Speaker	: ① <del>Technical</del> Technical problems. ② make time & interaction with student ③
Suggestions for improvement	: None
Signature of the Speaker	:

Signature of Coordinator

Signature of HOD

# Feed Back from the Participants

Timestamp	Email Address	Faculty/Student/Industrialist	Name of the Participant	Name of the College/Institute/Industry	Place	Whatsapp Number	What were the major takeaways from the program?	How do you plan to implement your learning in your program in your role of work?	The information presented in the session was useful	The subject matter was presented effectively	The duration of the session was sufficient to get an overview of the topic	Overall, how do you rate the program you attended in terms of usefulness and effectiveness?
12/28/2022 14:01:26	nighugavaskar@gmail.com	Faculty	Dr. Gavaskar, T	St. Joseph's College of E Chennai	Chennai	9894428627	PLC AUTAMATION and Well planned and Good flow of topic	With the curriculum Will form a new laboratory with PLC Research work	5	5	3	5
12/28/2022 14:03:45	chithras_gy@gmail.com	Faculty	Chithras	Vitech	Chennai	9500700153	Well planned and Good flow of topic	Will form a new laboratory with PLC Research work	5	5	5	5
12/28/2022 14:05:13	santbarasi71@yahoo.co.in	Faculty	Dr.A.ANBARASU	PANIMALAR ENGINEER	Chennai	9840188578	PLC	Research work	4	5	4	4
12/28/2022 14:05:27	subashkpcoc23@gmail.com	Industrialist	Subash N	Delphi - TVS Technologie	Oragadam	8754494752	I Learned how to handle PLC...	Place of work	4	4	4	4
12/28/2022 14:05:57	anand@svce.ac.in	Faculty	Dr. M Anandan	Sri Venkateswara College	Pennalur	9443813896	PLC ladder programming	Applying learned concepts	4	4	4	4
12/28/2022 14:07:45	bharaowajis@svce.ac.in	Faculty	Bharadwaj S	SVCE	Stiperumbudur	9566027816	Getting started with PLC	To include automation in upcoming projects	5	5	5	5
12/28/2022 14:07:52	balen21297@gmail.com	Industrialist	Bala Subramanian	Delphi Tvs Technologies	Oragadam	8825640556	Learn plc program	To make ramp control panel automation	4	4	4	4
12/28/2022 14:08:12	nachtsa@gmail.com	Faculty	Senthil T S	Panimalar Engineering C	Chennai	8220589097	Knowledge of PLC	Teaching	5	5	3	4
12/28/2022 14:09:25	2021p60010@svce.ac.in	Student	Rajeswari V	Sri Venkateswara College	Stiperumbudur	7373979714	PLC systems...	PLC is useful for my research work to implement in hardware	5	5	5	5
12/28/2022 14:18:26	sp.weo@dolphius.com	Industrialist	S.Prakash	Delphi-Tvs Technology	Manur	8940483969	RS logic - Addressing	Plant to study & utilities short cuts	3	3	2	4
12/28/2022 14:18:56	manitechnocrat.as@gmail.com	Faculty	Mani Pradi Anantalai S	Panimalar Engineering C	Chennai	9600449166	PLC ladder logic	Plan to include in the mechatronics subject	4	4	3	4
12/28/2022 14:45:11	multhupur@gmail.com	Faculty	Dr. Puvyarasan M	Panimalar Engineering C	Chennai	9444838655	Basics of PLC	For H&P course	5	5	4	5
12/28/2022 15:11:41	spjganesh@svce.ac.in	Faculty	Jai Ganesh S	Sri Venkateswara College	Stiperumbudur	9677012487	Basics of PLC coding	Will make an attempt to read the code in existing PLC at process control lab	5	5	5	5
12/28/2022 15:33:07	ceo@dineshengg.com	Industrialist	PX Ezhil Kumar	Dinesh Engineering Indu	Stiperumbudur	8090266180	Basics of PLC	Small in-house automation projects	5	5	3	5
12/28/2022 15:43:12	muniraj@svce.ac.in	Faculty	Dr.S.MUNIRAJ	Sri Venkateswara college	Stiperumbudur	9994042052	given	Research	5	5	5	5
12/28/2022 16:03:16	kouze@svce.ac.in	Faculty	R. KOUSALYA	SVCE	Stiperumbudur	9840204523	I have gained the knowledge on Ladder programming.	By providing real time projects using PLC I. Collaboration with other discipline.	5	5	5	5
12/28/2022 16:14:46	cmooorth1975@yahoo.com	Faculty	Mr.C.NATESAMURTHI	Erode Sengunthar Engin	Erode	9790022606	About PLC	I can explain to the students in better way	5	5	5	5
12/28/2022 17:17:38	nareeshbabu@rajalaksh Faculty	Faculty	G. Nareeshbabu	Rajalakshmi Engineering	Thandalam, Chennai	7358165706	PLC programming using RS Logic	By adding creative experiments in Industrial Automation Lab	5	5	5	5
12/28/2022 19:47:53	malathiraj@svce.ac.in	Faculty	Dr.S. R. MALATHI	Sri Venkateswara College	Chennai	9962534922	organizing team.	Mini projects at under graduate level	5	5	4	5
12/30/2022 21:41:55	nveethitha.sb@rajalaksh Faculty	Faculty	Nveethitha S B	Rajalakshmi Engineering	Chennai	9445652855	demonstration	Yes	5	5	5	5
1/14/2023 15:56:13	cmooorth1975@yahoo.com	Faculty	Mr.C.NATESAMURTHI	Erode Sengunthar Engin	Erode	9790022606	PLC and Automation	To use the knowledge learned in my regular teaching	5	5	5	5

Sri Venkateswara College of Engineering

Department of Mechanical Engineering

3rd January, 2023

**Report on Two-day International Workshop on PLC and Automation from 27th December, 2022 to 28th December, 2022 at Dr. A. C. Muthiah Seminar Hall, Central Library, Sri Venkateswara College of Engineering.**

As in the world of emerging technologies, where a number of ways are being adopted to reduce human efforts, be it the manufacturing processes or medical science, automation has become an important tool for all disciplines. Further, it becomes more significant for all engineers, faculties and students to be aware of the same and learn those aspects as well. Keeping the same thing as a vision, a workshop was organized by the Department of mechanical engineering. Resource person is Dr. Ravindra Thamma, Professor & Department Chair, Manufacturing & Construction Management Central Connecticut State University, USA

Resource person details:

Resource person, Dr. Ravindra Thamma is currently a Professor of Robotics and Mechatronics at Central Connecticut State University, USA. He serves as Department Chair of Manufacturing and Construction Management at CCSU and as program coordinator of Robotics and Mechatronics. Dr. Ravindra Thamma has extensive background in laboratory and curriculum development to enhance education/research facilities and infrastructure to reduce the student learning curve when entering the workforce, while building a firm foundation for life-long professional development for the students. His teaching and research interests are programmable controllers, robotics, linear control systems, and intelligent systems. He is a member of IEEE, ISA, ATMAE.

Workshop was inaugurated by the respected Dr. K.R. Santha, Vice Principal, SVCE and Dr. Ravindra Thamma, Central Connecticut State University, USA. Dr. S.Ramesh Babu, HoD/MEC welcomed the resource person, chief guest, faculties, participants and Students. Workshop is compered by Dr. C.SenthamaraiKannan, Associate Professor, MEC

Participants are from different engineering Colleges, also from Industries such as Dinesh Industries, Western Thomson group and Delphi TVS. There are totally 51 participants, 10 industrial participants, 25 external faculty members, 10 internal faculty members and 6 PG students.

In the first session, the Resource person gave the introduction of Programmable Logic Control (PLC), explained what exactly it is, who invented it and other history, different modules of the PLC controllers, classifications of PLC, PLC Configuration, basic PLC instructions and various programming techniques and logics used.

Among the various logics, the design of Ladder logic was given focus and simple problems of motor ON/OFF and that of water tank filling were solved using it.

On the first day, introduction to the techniques of automation and names of large scale PLCs used in the industries; light was also thrown on all the modules of PLC (namely power, discrete input/output, Analog input/output, CPU, etc.). On the simulator, participants simulated all that was taught during the theory session: Logic gates simulation using PLC (Ladder logic), the Motor ON/OFF simulation, and Automated Liquid mixer. Finally counters and timers were introduced leading to the solution of Traffic Signal problems and other timer problems, it gave



participants confidence of practicing real-time problems.

On the second day, various industrial problems were covered. They are

- Heating/Air Conditioning Control logic
- Alternating Pump ladder logic
- Packaging Line Automation
- Parking Garage Automation
- Rug Thumper Operation
- Hydraulic Pump with automatic drain and opening with temperature control
- Sawmill Station Control
- Surface Grinder Control and operation
- Mixing Station automation

Demonstration was given by the Prof Ravindra Thamma Participants for all the above automation programs, further he trained all the participants to individually simulate the above automation exercises in RSLogix Software.

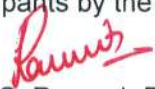
Participants were taken to the Center of excellence - Robotics and Automation, Additive manufacturing lab, Mechatronics laboratory, Real time simulation of Robot and demonstration of PLC in Industrial automation was carried out by Dr. M.Mohandass, Assistant HoD/MEC,SVCE.

Valedictory session was conducted at Dr. A. C. Muthiah Seminar Hall, Central Library, Sri Venkateswara College of Engineering, at 2PM on 28th December, 2022. Chief Guest of the Valedictory function is Dr. K.Pitchandi, COE, SVCE and Dr. Ravindra Thamma, Central Connecticut State University, USA. Dr. S.Ramesh Babu, HOD, MEchanical engineering, SVCE welcomed the gathering, followed by a valedictory address was given by Dr. K.Pitchandi, COE, SVCE.

Resource Person Dr. Ravindra Thamma expressed that he very much liked the hospitality given by the mechanical engineering department and SVCE management. He thanked SVCE management for inviting him and also he expressed that the participants are very eager to learn the PLC programming, during the session participants are keen on solving and simulating the various real time problems using PLC ladder logic.

Participants from industries and other institution faculties and internal college faculty members expressed that the resource person taught them the basics of PLC, all the important commands, and he also solved more than 25 industrial oriented automation problems during his two day lecture. All the participants thanked the mechanical engineering department and SVCE management for selecting a valuable resource person and the hospitality, training help provided by faculty,supporting staff and PG students.

Mr.M.Arulkumar, Assistant Professor thanked all the participants and gathered. Workshop came to an end with the distribution of certificates to all the 51 participants by the resource person.

  
Dr.S. Ramesh Babu  
Head of the Department  
Mechanical Engineering

Dr. S. RAMESH BABU, M.E., Ph.D  
Professor & Head  
Department of Mechanical Engineering  
Sri Venkateswara College of Engineering  
Pennalur, Sriperumbudur (TK) - 602117.  
Tamilnadu, INDIA.



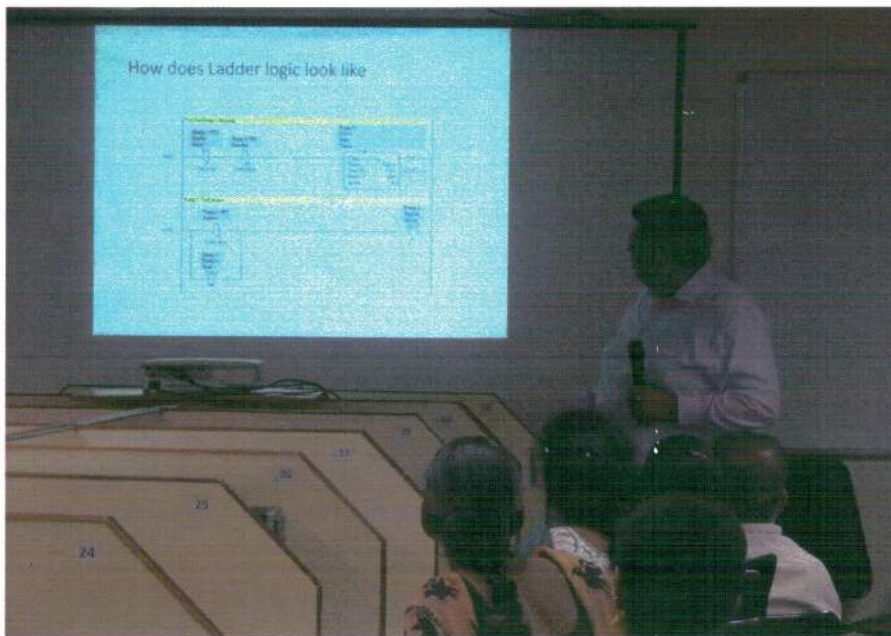
Welcome Address by Dr. S. Ramesh babu, HoD/MEC



Inaugural Address by Dr. K. R. Santha, Vice Principal, SVCE



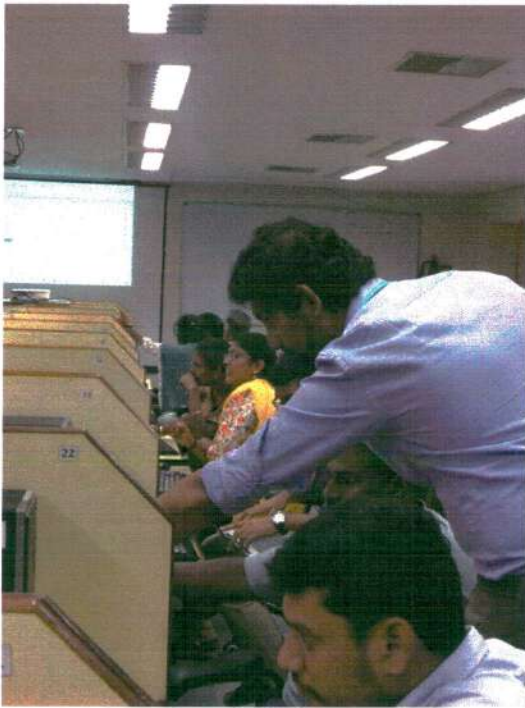
Inaugural Address by Chief Guest Dr. Ravindra Thamma, Central Connecticut, State University, USA



Session was handled by Dr. Ravindra Thamma, Central Connecticut, State University, USA



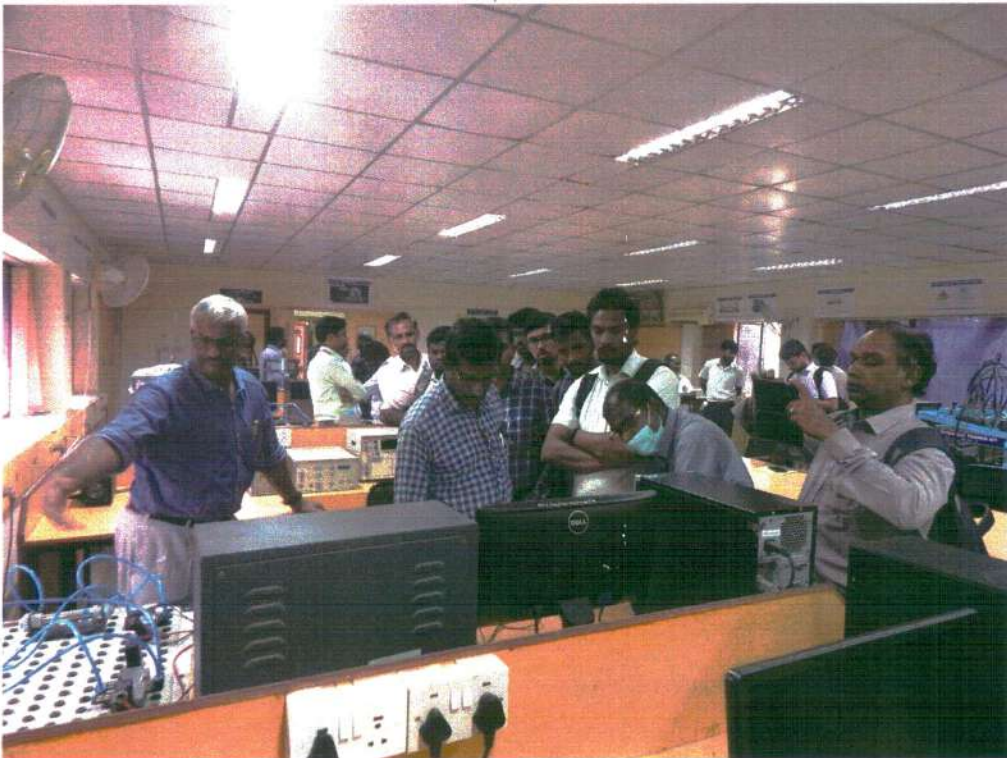
Simulation of PLC logic by participants, resource person guided the participants



Simulation of PLC logic by participants, PG Students guided the participants



Visit to Center of Excellence, Robotics and Automation, department of mechanical engineering, SVCE



Visit to Mechatronics laboratories by participants, Real time simulation of PLC in Industrial Scenario by Dr. M.Mohandass, Assistant HoD/MEC, SVCE



Memento is given by Dr. K.Pitchandi, COE, SVCE to resource person Dr. Ravindra Thamma, Central Connecticut State University, USA. along with Dr. S.Ramesh Babu, HOD, MEchanical engineering, SVCE



Certificate Distribution to Participants from Delphi TVS India Ltd.



Certificate Distribution to Participants from Western Thomson India Ltd.



Certificate Distribution to Internal Participants From SVCE



Certificate Distribution to PG students From SVCE



Certificate Distribute to other University Participants -Veltech University





Certificate Distribute to other University Participants - SCSVMV University



Feedback by External participants



Feedback by External participants



Group Photo of the Workshop



Gathering of the participants



Geotagged Photo during the Welcome address by Dr. S.ramesh Babu, HoD/MEC, SVCE on the diasDr. K.R. Santha, Vice Principal,SVCE and Dr. Ravindra Thamma, Central Connecticut State University



Group Photo - Geotagged

*Ramesh*

Dr. S. RAMESH BABU, M.E., Ph.D  
Professor & Head  
Department of Mechanical Engineering  
Sri Venkateswara College of Engineering  
Srinagar, Sriperumbudur (TK) - 602117,  
Tamilnadu, INDIA

**Department of Mechanical Engineering**

**Participant List - PLC and Automation Workshop**

27-12-22 to 28-12-22








Fore Noon & Afternoon

S.no	Name	Organization	Signature
1	Mr MANIPANDI A S	Panimalar Engineering College	
2	Mrs. V. RAJESWARI	SRI VENKATESWARA COLLEGE OF ENGINEERING	
3	Mr. PRASHANNA RANGAN R	Sri Venkateswara College of Engineering	
4	Mr. Sudharsan	Sri Venkateshwar college of engineering	
5	Mr. R. GAURAV	Sri Venkateswara College of Engineering	
6	Dr. GAVASKAR. T	St. Joseph's college of Engineering	
7	Mr. Saravanan Mathialagan	Velammal Engineering College	
8	Dr. S. Gopinath	Sri Venkateswara College of Engineering	
9	Dr. M. Anandan	Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur - 602117.	
10	Mr. C. NATESAMURTHI	Erode Sengunthar Engineering College, Perundurai, Erode-638057.	
11	Mr A VENGATESAN	Saveetha School of Engineering	
12	Mr. VISHNU CHANDRAN	Sri Venkateswara College of Engineering	
13	Dr K Palani	Sri Chandrasekharendra Sarawathi Viswa Mahavidhyalaya	
14	Dr. C. RAJKUMAR	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	
15	Ms Nivethitha S B	Rajalakshmi Engineering College	
16	Mr. G. Nareshbabu	Rajalakshmi Engineering College	
17	Mr. A. Vimalesh	Rajalakshmi Engineering College	
18	Mr. PRAKASH E	Rajalakshmi Engineering College	
19	Mr. Kanagaraj V	Rajalakshmi Engineering College	
20	Mr. A. KUMARASWAMY	Sri Venkateswara College of Engineering	
21	Dr. V. SRIDHARAN	SVCE	

**Ramub** Dr. S. RAMIESH BABU, M.E., Ph.D.  
Professor & Head  
Department of Mechanical Engineering  
Venkateswara College of Engineering

22	Dr S MUNIRAJ	SRI Venkateswara college of Engineering	<i>[Signature]</i>
23	MR.CHITHRAS	Veltech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	<i>[Signature]</i>
24	Dr.A.ANBARASU	PANIMALAR ENGINEERING COLLEGE	<i>[Signature]</i>
25	Mr G Kishore Kanna	Vellore Institute of Technology , Vellore	<i>[Signature]</i>
26	Mrs. Suganthi K	Sri Venkateswara College of Engineering	<i>[Signature]</i>
27	Mr Maheswaran S	Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya	<i>[Signature]</i>
28	Mr M Prabakar	Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya	<i>[Signature]</i>
29	Mr.T.S.SENTHIL	Panimalar Engineering College	<i>[Signature]</i>
30	Dr. S. R. MALATHI	SRI VENKATESWARA COLLEGE OF ENGINEERING	<i>[Signature]</i>
31	Mrs.R.KOUSALYA	Sri Venkateswara College of Engineering	<i>[Signature]</i>
32	Dr Venkat Sudhakar	Veltech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	<i>[Signature]</i>
33	Dr. Puviyarasan M	Panimalar Engineering College	<i>[Signature]</i>
34	M. Guru	Western Thomson	<i>[Signature]</i>
35	Mr. D.S.NANDHAKUMAR .	Western Thomson	<i>[Signature]</i>
36	Mr. LINGESAN	Western Thomson	<i>[Signature]</i>
37	Mr. V. ACHUTHAN	Western Thomson	<i>[Signature]</i>
38	Mr. C. SATHISH KUMAR .	Western Thomson	<i>[Signature]</i>
39	Dr. Stanly S	SVCE	<i>[Signature]</i>
40	Dr. Ponnuel S	SVCE	<i>[Signature]</i>
41	Mr. Jai Ganesh S	SVCE	<i>[Signature]</i>
42	Mr. J. HARIHARAN	SVCE	<i>[Signature]</i>
43	Mr. N. Jagadesan	Delphi TVS <i>Teeprologies</i>	<i>[Signature]</i>
44	Mr. Subash N	Delphi TVS	<i>[Signature]</i>
45	Mr. Balasubramanian N	Delphi TVS	<i>[Signature]</i>
46	Mr. S. Prakash	Delphi TVS	<i>[Signature]</i>

*[Signature]* Dr. S. RAMESH BABU, M.E., Ph.D  
Professor & Head

47	Mr.G.Chandrasekar	SVCE Industrial automation and robotics	
48	Mr.R.Naveen	SVCE Industrial automation and robotics	
49	P.K Ezhil Kumar	Dinesh Engineering Industries, Sriperumbudur	
50	Dr. J. M. Gnanasekar	SVCE-CSE	
51	Mr. P. Gowtham	Dr. SACOE - MECH	
52	Mr. M Guhan	Dr. SACOE - EEE	
53	S Bharadwaj	SVCE - EEE	



Dr. S. RAMESH BABU, M.E., Ph.D  
 Professor & Head  
 Department of Mechanical Engineering  
 Sri Venkateswara College of Engineering  
 Pennalur, Sriperumbudur (TK) - 602117.  
 Tamilnadu, INDIA.

Department of Mechanical Engineering  
Sri Venkateswara College of Engineering

Date: 01/12/2022

**Submitted to the Principal**

To  
Dr. Csk

Ramub  
2/12/22

Dear Sir,

**Sub:** Requesting permission to use Guest house for the International Guest Speaker Dr. Ravindra Thamma Professor & Department Chair, Manufacturing & Construction Management, Central Connecticut State University, USA from 26.12.2022 to 28.12.2022

We are organizing a two-day workshop on PLC and Automation on 27<sup>th</sup> and 28<sup>th</sup> December 2022. Dr. Ravindra Thamma, Professor & Department Chair, Manufacturing & Construction Management Central Connecticut State University, USA has expressed his consent to handle the two days' entire sessions. Hence he will be coming to Chennai on 26<sup>th</sup> December 2022 and has requested to arrange the accommodation nearer to the college. In this regard your kind permission is requested to permit him to stay at our guest house from 26.12.2022 to 28.12.2022.

Thanking you

Ramub  
11/12/2022  
**Dr. S. Ramesh Babu**  
Professor and Head

To: Adm-Exe/Head-MEC  
Approved, pl provide  
a good accommodation  
26  
2/12



Department of Mechanical Engineering  
Sri Venkateswara College of Engineering

Date: 01/12/2022

Submitted to the Principal

To  
Dr. Csk  
Ramesh  
2/12/22

Dear Sir,

**Sub:** Requesting permission to permit the outstation participants to stay in the college hostel on payment basis – reg

We are organizing a two-day workshop on PLC and Automation on 27<sup>th</sup> and 28<sup>th</sup> December 2022. We may expect participants from outstation. If the outstation participants are requesting for a stay at our hostel, your kind permission is requested to permit the outstation participants alone to stay at our college hostel on a payment basis on 26.12.2022 and 27.12.2022.

Thanking you

Ramesh  
11/12/2022  
Dr. S. Ramesh Babu  
Professor and Head

To: Warden/HOD-MEC  
We shall consider the  
request provided rooms are  
available  
SC  
2/12

Sri Venkateswara College of Engineering  
Department of Mechanical Engineering

To  
Dr. CSK  
To prepare a  
22/11/2022 Brochure  
- Fix the Event  
Schedule with  
topics  
Ramesh  
23/11/22

Submitted to The Principal, SVCE

Dear Sir,

We are planning to organize a Two-day workshop on "PLC and Automation", on 27<sup>th</sup> & 28<sup>th</sup> December, 2022 in collaboration with Ravindra Thamma, Professor & Department Chair, Manufacturing & Construction Management, Central Connecticut University, USA. This workshop will be a complete hands on session in which the expert will give an outline about PLC and will assign some projects to the participants, which should be completed within the time schedule.

In this regard following tentative expenditure will be incurred for conducting this event.

S. No.	Description	Amount in Rs
1.	Speaker Expenses 1. Honorarium – Rs 12,000 (Rs 6000/day) 2. Travel – Rs 5000 (Local travel) 3. Food Expenses – Rs 2000	19000
2.	Refreshments & Food (for 60 Nos @ Rs 150 / day)	18000
3.	Stationeries for Participants	3000
4.	Banner & Certificate Charges	5000
	<b>Total</b>	<b>45000</b>

It is proposed to collect Rs 750/- as registration fees from the participants. It is also decided to restrict the maximum number of participants as 50, since we have 50 systems in the CAD lab. Additional amount required for conducting the event may be utilized from the budget of department of mechanical engineering on approval.

Hence Kind permission is requested to conduct the event, and also to grant us an advance amount of Rs 30,000/- to conduct the event.

Thank you.

*Ramesh*  
22/11/2022

Dr. S. Ramesh Babu,

HoD/MEC

*MS  
Students  
for the program*