SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Report on Workshop **"System Modeling, Simulation and Implementation using MATLAB and OrCAD" during 13th and 14th March 2017"**

WORKSHOP ON SYSTEM MODELLING SIMULATION AND IMPLEMENTATION USING MATLAB & OrCAD

Registration Form

Name   :
Designation   :
Department   :
Category   : Student/Research Scholar/ Faculty/ Industry
Address   :

Email-ID   :
Mobile No   :
DD.No & Date   :
Bank / Branch   :
Amount   :

Place:
Date:

Signature of the Applicant

ORGANIZING COMMITEE

CONVENOR
Dr.S.Muthukumar
HEAD OF THE DEPARTMENT, ECE

COORDINATORS:
Dr.R.Gayathri
ASSOCIATE PROFESSOR
DEPARTMENT OF ECE, SVCE

Mr.S.P.Sivagnana Subramanian
ASSISTANT PROFESSOR
DEPARTMENT OF ECE, SVCE

Ms.S.M.Mehzabeen
ASSISTANT PROFESSOR
DEPARTMENT OF ECE, SVCE

CONTACT DETAILS
For any queries and to send completed registration forms:

Mr.S.P.Sivagnana Subramanian, Ms.S.M.Mehzabeen
Co-ordinators, Dept of ECE,
Sri Venkateswara College of Engineering.
Post box No:3, Pennalur,
Sriperumbudur T.K - 602117, Tamilnadu.

Phone: 91 - 44 -27152000
Extn: 225,227,229
Mobile: 9444123626, 7502357937, 9543853644
Email ID: spsivagnanam@svce.ac.in ,
mehzabeen@svce.ac.in

WORKSHOP ON SYSTEM MODELLING SIMULATION AND IMPLEMENTATION USING MATLAB & OrCAD
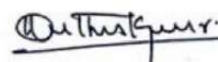
13th & 14th MARCH 2017

ORGANIZED BY

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

SRI VENKATESWARA COLLEGE OF ENGINEERING
PENNALUR - 602 117,
SRIPERUMBUDUR T.K., TAMILNADU

IN ASSOCIATION WITH
COMPUTER SOCIETY OF INDIA

www.svce.ac.in

EVENT COORDINATOR

Head of the Department
Electronics and Communication Engineering
Sri Venkateswara College of Engineering
Sriperumbudur - 602 117, India

ABOUT SVCE

Sri Venkateswara College of Engineering (SVCE), one of the Premier Technical Institutions in Tamilnadu, was established in 1985, approved by AICTE New Delhi and affiliated to Anna University, Chennai, has completed 30 years of dedicated and excellent service in the field of technical education. The college is situated on the Chennai – Bangalore National Highway (NH4) about 37 km south-west of Chennai. The college offers 10 UG programmes and 10 PG programmes. The National Board of Accreditation has accredited many of the eligible programmes, and SVCE is an ISO 9001:2008 certified institution. The college is also accredited by National Assessment and Accreditation Council (NAAC). It attained autonomous status in the year 2016.

ABOUT THE DEPARTMENT

The Electronics and Communication Engineering department occupies a prominent place in the chronicles of its academic history. The specialization of the faculty includes Telecommunication engineering, Computer Networks, Control Systems, VLSI, Digital Signal Processing, Microwave System, Applied Electronics, Microprocessor and Micro Controllers etc. The department has excellent laboratory facilities in the areas like Networking, Microprocessors & Microcontrollers, Electronic Devices, Communication, RF & Microwave, VLSI, Digital Signal Processing, Applied Electronics, with latest software. The department offers four year UG programme in ECE and two year PG Programmes in Communication Systems and Applied Electronics. The department is a approved research center by Anna University. Around 40 Research scholars are pursuing their full time and part time Ph.D. in the research center.

THE WORKSHOP

MATLAB is the easiest and most productive software to engineers and scientists for analyzing data, developing algorithms, or creating models. It combines a high-level language with a desktop environment tuned for iterative exploration, design, and problem-solving.

OrCAD is a software tool suite used for Electronic Design Automation(EDA). It is used to create schematics and artwork for manufacturing printed circuit boards. It contains everything needed to take a PCB design from concept to production with a fully integrated design flow including design capture, component tools, a PCB editor.

The workshop is aimed to focus on core areas of electronics and communication engineering such as electronics system design and signal/image processing in such a way to meet the expectations of those who take up the research work in automation design.

WHO CAN PARTICIPATE

The workshop is suitable for UG/PG students, research scholars and faculty members. The aspirants from Industry who wish to work in this area are also welcome.

TOPICS TO BE COVERED

Hands on training in Image Processing

- Basic Preprocessing Techniques
- Image registration
- Edge detection
- Image watermarking
- Training Neural Network/ SVM Classifier
- Image Processing Applications

Hands on Training using OrCAD

- Basic importance of system design using OrCAD
- IPC standards
- Different layers of design
- Making ready gerber for production
- File structure definition
- Introduction of viewmate
- Single side and double side design

IMPORTANT DATES

Last date for registration: 08.03.2017
Last date for intimation: 09.03.2017

REGISTRATION FEE DETAILS

Members of Industry / Faculty / Research Scholars / Students : Rs. 400/-

Registration fee includes workshop kit, Lunch / Refreshments, Certificate etc. Participants should bring their laptops on their own.

The payment shall be made in the form of crossed DD drawn in favour of " The Principal, Sri Venkateswara College of Engineering" payable at Chennai and sent by post / courier to reach the contact person below on or before 10.03.2017

A national level workshop on **"System Modeling, Simulation and Implementation using MATLAB and OrCAD"** was organised and conducted by the department of Electronics and communication engineering *during 13th and 14th March 2017*. The total of 105 participants had registered for this workshop which includes around 30 participants of students, faculty members and research scholars of various engineering colleges and universities. Prof. S.Muthukumar, Head of the department-ECE gave the welcome address and marked the beginning of the event, lighting the Kuthuvilakku along with the chief guest.

This two day workshop was inaugurated by our chief guest Mr. Anand kumar Singh H, Technical Head, R&D Department, SK LED Industries Pvt. Ltd, Hyderabad, by delivering a technical talk on 'Challenges and Directions on Implementing Image Processing in Products'. He added many factors that challenges on implementing various issues in image processing. The session II was planned for image processing applications. The session-III &IV was planned for Hands on Training using

MATLAB simulator-Basics & Advanced respectively and the session was fully taken care by Mr. Anand kumar Singh H. The hand on session was conducted in VLSI laboratory of department of EC till 3.20 pm of the first day. He made the session very interactive and encouraged all the participants to answer his questions. His inputs were extremely thought-provoking.

The session V of second day was presented by Mr.Rajakrishna.A.P, Layout Design Specialist, Hella India Automotive Pvt Ltd. on the topic "Electronic System Design using OrCAD". He inspired the audience by explaining recent issues on Electronic System Design and suggested some books we could all read to hone our technical skills as well as grow into stronger and smarter individuals. The session-VI &VII was planned for Hands on Training using OrCAD -Basics & Advanced respectively and the session was fully taken care by Mr.Rajakrishna.A.P. This session and the topic were interesting in the participant's point of view and interacted a lot with the speaker at the end of his session.

The valedictory address was given by Prof. S.Muthukumar, HOD, Department of Electronics and Communication Engineering and the workshop was successfully concluded with the feedback from participants and vote of thanks by Dr. R.Gayathri, the coordinator of the event. The day concluded with the national anthem. The coordinators and student volunteers were actively participated and helped the members of the participants. The event was a Grand success!

<div align="right">

Coordinators

Dr.R.Gayathri

Mr.S.P.Sivagnana Subramanian

Mrs. S.M.Mehzabeen

</div>

Head of the Department
Electronics and Communication Engineering
Sri Venkateswara College of Engineering
Sriperumbudur - 602 117, India

EVENT COORDINATOR

SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Ref: SVCE/EC/ECEA/2016-17
20/03/2017

Submitted to the Principal:

Sub: Settlement of accounts towards the advance drawn in connection with the workshop "System Modeling, Simulation and Implementation using MATLAB and OrCAD" held during 13th & 14th March 2017– reg.

A cheque for an amount of **Rs.4,000/-** was given by our management for conducting the workshop.

An amount of **Rs.1,000/-** was sponsored by Computer Society of India (CSI) for this event conduction. Registration amount received from all the internal and external participants is **Rs.26, 400/-**.

The details of the expenditure towards the occasion for **Rs.31, 400/-** are given below and the respective bills are enclosed. The **balance amount of Rs.12496/-** is returned to management by cash.

We thank our management for the approval and support to the conduction of event. Similar support may kindly be extended in future.

S.No	Particulars	Amount Spent(in Rs)	Bill nos. (Original)	Bill nos (Reference)
1.	Honorarium	6500 (Rs. 3000+ Rs. 3500)	1,2	1.1, 1.2
2.	Transport Charges	3100 (Rs. 1600+ Rs. 1500)	489,490	2.1, 2.2
3.	Postal Charges	200	3	3.1
4.	Registration Kit (stationery, letter pad, folder, pen etc.,)	1543 (Rs. 160+ Rs. 1383)	5& 17399	4.1, 4.2
5.	Canteen	3535	4124	5.1
6.	Sweets, Biscuits and Chips	1227 (Rs.180+Rs.301+Rs.148+Rs.58+Rs. 540)	221, 56264, 9846, 38697, 5	6.1 to 6.5
7.	Posters, Certificates and Banner	2269 (Rs.1102+Rs.30+Rs.30+Rs.900+Rs. 207+30)	3897, 2, 7, 1430, 385,105	7.1 to 7.6
8.	Decoration	500	4	8.1
	TOTAL	18904		
	Balance amount returned by cash	12496		

Sum of Rupees twelve thousand and four hundred and ninety six returned to the Account section.

Workshop Coordinators
Dr.Gayathri 23/3/17
Mr.S.P. Sivagnana Subramanian 23/3/17
Mrs.S.M.Mehzabeen

HOD-EC 23/3/17
[Dr.S.Muthukumar]

Encl.:
1. Bills statement.
2. Participants list.

Recd. b. 12,496/=
Cash

To: As – pl verify the accounts and
Collect the balance returned
by the Workshop
25/3

SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Workshop on System Modeling, Simulation and Implementation using MATLAB and OrCAD

Budget Estimate

Stationary (Delegates Kit)	Rs 800/-
Incidental Expenses - Lunch and refreshments	Rs 3,200/-
(Rs 80/- x 15 external participants plus Rs 400/- for expert per day)	
TA/DA to external guest speakers	Rs 3,000/-
(Rs. 1500/- x 2 days)	
Printing (Banner, Certificate)	Rs 2,000/-
Honorarium	Rs 6,000/-
(handling 4 sessions by an industrial expert for 2 days)	
Total expenses involved	**Rs 15,000/-**

Amount to be received from external participants (15 X Rs. 400) Rs. 6, 000/-
Amount to be received from internal participants (15 X Rs. 200) Rs. 3, 000/-
(Total number of Expected participants = 30)

Sponsorship received from CSI (Computer Society of India)   Rs. 2,000/-

Sub Total (Amount to be sanctioned)   **Rs. 4,000/-**

HOD-EC 02/03/17

Dr.R.Gayathri

Mr.S.P.Sivagnana Subramanian

Ms. S.M.Mehzabeen
(Event Coordinators)

To: The Secretary
Sir, for your perusal and approval of

SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

Approved 27/02/2017
March, 20?

SVCE/EC/Workshop/2016-17

Submitted to the Principal:

Sub: Proposal to organize a "**Workshop on System Modeling, Simulation and Implementation using MATLAB and OrCAD**" - reg.

It has been proposed to organize a "Workshop on System Modeling, Simulation and Implementation using MATLAB and OrCAD" on 13th and 14th March 2017 for the faculty members and students of various instituitions.

It is planned to invite eminent resource person in this research area from industry. The proposal involves a total expenditure of Rs 15,000/- and the estimate is attached herewith. We have requested for Sponsorship from Computer Society of India (CSI). They have agreed to sponsor an amount of Rs. 2000/- towards conduction of this workshop.

The registration amount for participating the workshop is Rs. 400/- and Rs. 200/- for external and internal participants respectively. The expected participants on whole are approximately 30 members.

The amount of Rs. 4000/- may kindly be sanctioned for conduction of the workshop and kindly approve the same amount to get as advance for the smooth arrangement of workshop.

It is requested that the above proposal may kindly be approved.

To: HOD-EC

Dr.R.Gayathri

Mr.S.P.Sivagnana Subramanian

Ms S.M.Mehzabeen

(Event Coordinators)

HOD-EC | 02/03/17

Sir, As per your directions, the Lunch for internal participants is removed. The registration fee from internal participants is also reduced to 200 from Rs 400.
The honorarium for the external guest is for two days. Since he himself is going to provide handson training for two days, we cannot reduce that. However, we have amount to

: Budget
Submitted for approval.

SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Workshop on "System Modeling, Simulation and Implementation using MATLAB and OrCAD"
13th & 14th March 2017

Feedback form

Name : D. VIDHYA

Designation : ME (communication system)

College : SVCE

Contact Address :

Email ID : Vidhyadevaece@gmail.com

Mobile No : 8220327289

1) What is your overall assessment of the event?
(Usefulness of the content, Content delivery, Hospitality,etc),
(1 = insufficient, 2 = fair, 3= good, 4 = Very good, 5 = excellent)

1   2   3   4 Verygood 5

2) Which topics or aspects of the workshop did you find most interesting or useful?

- Basic Image Processing technique.
- Printed Circuit Board
-

3) Did the workshop achieve the programme objectives? Yes/No ✓ If no, why?

4) Knowledge and information gained from participation at this event.

	Yes	No	Somewhat	
Whether met your expectations?	Yes ✓			
Will be useful / applicable in my work?	Definitely	Mostly ✓	Somewhat	Not at all

5) How do you think the workshop could have been made more effective?

6) Was this workshop helpful to you? Yes

7) Other comments

D. Vidhya

SIGNATURE

Feedback form

Name : G.AKILA

Designation : A P

College : 3114-MCE

Contact Address : 162/64A, South Sinnen koil St, kodambeikkam Ch-24

Email ID : aki47g@gmail.com .

Mobile No :

1) What is your overall assessment of the event?
(Usefulness of the content, Content delivery, Hospitality,etc),
(1 = insufficient, 2 = fair, 3= good, 4 = Very good, 5 = excellent)

1   2   3   4   5

2) Which topics or aspects of the workshop did you find most interesting or useful?

- _____
- _____
- _____

3) Did the workshop achieve the programme objectives? Yes/No   If no, why?

4) Knowledge and information gained from participation at this event.

Whether met your expectations?   Yes ✓   No   Somewhat

Will be useful / applicable in my work?   Definitely ✓   Mostly   Somewhat   Not at all

5) How do you think the workshop could have been made more effective?

Can be Provided with extra Systems.

6) Was this workshop helpful to you?   Yes .

7) Other comments

SIGNATURE

SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Workshop on "System Modeling, Simulation and Implementation using MATLAB and OrCAD"
13th & 14th March 2017

Feedback form

Name : AKSHAYA. 8

Designation : STUDENT

College : SVCE

Contact Address :

Email ID : akshayasankar 1998 @gmail.com

Mobile No : 8015402969

What is your overall assessment of the event?
(Usefulness of the content, Content delivery, Hospitality,etc),
(1 = insufficient, 2 = fair, 3= good, 4 = Very good, 5 = excellent)

1   2   3 ✓   4   5

Which topics or aspects of the workshop did you find most interesting or useful?

- Orcad.
-
-

Did the workshop achieve the programme objectives? Yes/No ✓   If no, why?

Knowledge and information gained from participation at this event.

Whether met your expectations?	Yes ✓	No	Somewhat
Will be useful / applicable in my work?	Definitely	Mostly ✓	Somewhat	Not at all

How do you think the workshop could have been made more effective?

Was this workshop helpful to you? Yes

Other comments

S. Akshaya.

SIGNATURE

SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop on "System Modeling, Simulation and Implementation using MATLAB and OrCAD"

13th & 14th March 2017

REGISTRATION FORM

Name : R. CHANDRALEKHA

Designation : ECE | ME (CS)

Department : ECE

Category : Student/Research scholar/Faculty/Industry

Official Address : No. 6/2, 2nd cross, 3rd main road, Bharathi Nagar [Extension], Vellore – 632007.

Email ID : vanajalekha8@gmail.com

Mobile No : 8056697115

DD no. with Date : —

Bank/Branch : —

Amount : Rs. 200/-

R. Chandralekha
Signature of participant

SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop on "System Modeling, Simulation and Implementation using MATLAB and OrCAD"

13th & 14th March 2017

REGISTRATION FORM

Name   : V. ARUNPRAKASH

Designation   : Student

Department   : ECE

Category   : Student/Research scholar/Faculty/Industry

Official Address   : 48212 , Durai nagar,
                           Tirupattur vellore'd.t.
                           635601

Email ID   : arunprakasab@ gmail.com

Mobile No   : 9600851227

DD no. with Date   : —

Bank/Branch   : —

Amount   : Rs. 200

Signature of participant

SRI VENKATESWARA COLLEGE OF ENGINEERING

Pennalur, Sriperumbudur - 602 117, Tamilnadu, India.

ISO 9001-2008
Certified by IRQS

MGMT SYS
RvA C 0/1

COMPUTER SOCIETY OF INDIA
ESTD. 1965

Certificate of Appreciation

Presented to

Mr. Albin Raj S

In sincere appreciation for your outstanding presentation

" Hands on training using OrCAD for Electronics System Design " on 14th March 2017 in the Workshop on " System Modeling, Simulation and Implementation using

MATLAB and OrCAD "

COORDINATOR
Dr.R.Gayathri

CONVENOR
Dr.S.Muthukumar

www.svce.ac.in

National level workshop on "System Modeling, Simulation and Implementation using MATLAB and OrCAD", 13th and 14th March 2017 - **PARTICIPANT LIST**

S.NO	NAME OF THE PARTICIPANT	NAME OF COLLEGE	STUDENT/ RESEARCH SCHOLAR/FACULTY	INTERNAL /EXTERNAL	AMOUNT PAID
1	C. Sherin Shibi,	NA	Research scholar	EXTERNAL	400
2	G.Akila	Meenakshi college of engineering	Faculty	EXTERNAL	400
3	M.Umammaheswari	Meenakshi college of engineering	Faculty	EXTERNAL	400
4	Brindha. G	Meenakshi college of engineering	Faculty	EXTERNAL	400
5	Bhuvaneswari	Saveetha Engineering College	Faculty	EXTERNAL	400
6	R.SRINATH(AP)	Vel tech	Faculty	EXTERNAL	400
7	M.SHERIFF(AP)	Veltech	Faculty	EXTERNAL	400
8	K. LAKSHMI RAVALI	Veltech	Student	EXTERNAL	400
9	PRIYANKA PAREE ALPHONS	Veltech	Student	EXTERNAL	400
10	B.PAVITHRA	Veltech	Student	EXTERNAL	400
11	S.MAHALAKSHMI	Veltech	Student	EXTERNAL	400
12	Babitha lincy	Veltech	Research scholar	EXTERNAL	400
13	Kavitha M	Veltech	Research scholar	EXTERNAL	400
14	Bhavithra	Saveetha Engineering College	Research scholar	EXTERNAL	400
15	satheeswari .D	Meenakshi college of engineering	Faculty	EXTERNAL	400
16	anantha prabha. R	Meenakshi college of engineering	Faculty	EXTERNAL	400
17	Thendral. N	Meenakshi college of engineering	Faculty	EXTERNAL	400
18	m.v. crispin	Meenakshi college of engineering	Faculty	EXTERNAL	400
19	ananthalakshmi	Meenakshi college of engineering	Faculty	EXTERNAL	400
20	premkumar.K	Meenakshi college of engineering	Faculty	EXTERNAL	400
21	Thanubuddi Vishnukanth Reddy	saveetha Engineering College	Student	EXTERNAL	400
22	Dr. SHERYL RADLEY(Associate prof)	Meenakshi college of engineering	Faculty	EXTERNAL	400
23	Dr.R.Vani (Professor)	Meenakshi college of engineering	Faculty	EXTERNAL	400
24	Dr.D.Joseph jeyakumar	Meenakshi college of engineering	Faculty	EXTERNAL	400
25	T. Anandhan	Meenakshi college of engineering	Faculty	EXTERNAL	400
26	Mr. Mohammed Sulaiman(AP)	vel tech	Faculty	EXTERNAL	400
27	Mr.Revanth	Saveetha Engineering College	Student	EXTERNAL	400
28	Bharathi priya	Sri venkateswara college of En	Faculty	Internal	200
29	Rajaram V	Sri venkateswara college of En	Faculty	Internal	200
30	Suresh K	Sri venkateswara college of En	Faculty	Internal	200
31	Leela Rani P	Sri venkateswara college of En	Faculty	Internal	200
32	Rohini A,	Sri venkateswara college of En	Faculty	Internal	200
33	E.Sakthivel	Sri venkateswara college of En	Faculty	Internal	200
34	Guru Gokul AR	Sri venkateswara college of En	Faculty	Internal	200
35	K.S.Pavithra	Sri venkateswara college of En	Faculty	Internal	200
36	S.Radhika	Sri venkateswara college of En	Faculty	Internal	200
37	Gomatheeswari Preethika	Sri venkateswara college of En	Faculty	Internal	200
38	Menaka	Sri venkateswara college of En	Faculty	Internal	200
39	Anju L	Sri venkateswara college of En	Faculty	Internal	200
40	varadharajan	Sri venkateswara college of En	Faculty	Internal	200
41	KALYANI S	Sri venkateswara college of En	Faculty	Internal	200
42	Adithya B	Sri venkateswara college of En	Faculty	Internal	200
43	Ahnirudh	Sri venkateswara college of En	Student	Internal	200
44	Devesh	Sri venkateswara college of En	Student	Internal	200
45	Anish	Sri venkateswara college of En	Student	Internal	200
46	Hariharan	Sri venkateswara college of En	Student	Internal	200
47	Abhijit	Sri venkateswara college of En	Student	Internal	200
48	K.M.Gokul	Sri venkateswara college of En	Student	Internal	200
49	Gautham mannar mannan	Sri venkateswara college of En	Student	Internal	200
50	A.Akshara	Sri venkateswara college of En	Student	Internal	200
51	A.Akshaya	Sri venkateswara college of En	Student	Internal	200
52	V.Deva	Sri venkateswara college of En	Student	Internal	200

S.NO	NAME OF THE PARTICIPANT	NAME OF COLLEGE	STUDENT/ RESEARCH SCHOLAR/FACULTY	INTERNAL /EXTERNAL	AMOUNT PAID
53	V.S,Chowmiya	Sri venkateswara college of En	Student	Internal	200
54	Gitanjali N.R	Sri venkateswara college of En	Student	Internal	200
55	Harini.M	Sri venkateswara college of En	Student	Internal	200
56	Akshaya.S	Sri venkateswara college of En	Student	Internal	200
57	Arvind Bharathy.N	Sri venkateswara college of En	Student	Internal	200
58	P.K.Harshavardhan	Sri venkateswara college of En	Student	Internal	200
59	C.Ashika	Sri venkateswara college of En	Student	Internal	200
60	V.Indhuja	Sri venkateswara college of En	Student	Internal	200
61	R.Aswanth	Sri venkateswara college of En	Student	Internal	200
62	D.Aravind	Sri venkateswara college of En	Student	Internal	200
63	C.Ajay	Sri venkateswara college of En	Student	Internal	200
64	K.P.Harshini	Sri venkateswara college of En	Student	Internal	200
65	Amrutha	Sri venkateswara college of En	Student	Internal	200
66	Harish kumaran D	Sri venkateswara college of En	Student	Internal	200
67	Ashwin Kumar	Sri venkateswara college of En	Student	Internal	200
68	M.Mithun	Sri venkateswara college of En	Student	Internal	200
69	Mohamed Farhan	Sri venkateswara college of En	Student	Internal	200
70	Loga Prashanth R	Sri venkateswara college of En	Student	Internal	200
71	Rahuman khan A	Sri venkateswara college of En	Student	Internal	200
72	Vignesh G	Sri venkateswara college of En	Student	Internal	200
73	Vijay Babu	Sri venkateswara college of En	Student	Internal	200
74	CHANDRALEKHA R	Sri venkateswara college of En	Student	Internal	200
75	ELAVARASI R	Sri venkateswara college of En	Student	Internal	200
76	VIDHYA D	Sri venkateswara college of En	Student	Internal	200
77	B.Shanmathi	Sri venkateswara college of En	Student	Internal	200
78	P.Subha	Sri venkateswara college of En	Student	Internal	200
79	Chiranjeevi .K	Sri venkateswara college of En	Student	Internal	200
80	Ajeet .M	Sri venkateswara college of En	Student	Internal	200
81	Arul velavan Durai nath	Sri venkateswara college of En	Student	Internal	200
82	Gowdham R	Sri venkateswara college of En	Student	Internal	200
83	Gopinath.M	Sri venkateswara college of En	Student	Internal	200
84	Arun Prakash	Sri venkateswara college of En	Student	Internal	200
85	Dhinagaran	Sri venkateswara college of En	Student	Internal	200
86	Fredix	Sri venkateswara college of En	Student	Internal	200
87	Akileshwaran	Sri venkateswara college of En	Student	Internal	200
88	Devaendren	Sri venkateswara college of En	Student	Internal	200
89	AshokKumar	Sri venkateswara college of En	Student	Internal	200
90	Girija.V	Sri venkateswara college of En	Student	Internal	200
91	Gayathri	Sri venkateswara college of En	Student	Internal	200
92	Afreen Ishrath.F	Sri venkateswara college of En	Student	Internal	200
93	Divyabharathi.T	Sri venkateswara college of En	Student	Internal	200
94	Divya.S	Sri venkateswara college of En	Student	Internal	200
95	kapildas.c	Sri venkateswara college of En	Student	Internal	200
96	karthik aravind.R	Sri venkateswara college of En	Student	Internal	200
97	Mathesh.R	Sri venkateswara college of En	Student	Internal	200
98	Muthu manikandan	Sri venkateswara college of En	Student	Internal	200
99	Irfana fathima S	Sri venkateswara college of En	Student	Internal	200
100	belinda smith	Sri venkateswara college of En	Student	Internal	200
101	janani ganesh	Sri venkateswara college of En	Student	Internal	200
102	M K Ashwin Kumar	Sri venkateswara college of En	Student	Internal	200
103	Dinesh Ram	Sri venkateswara college of En	Student	Internal	200
104	Mithun	Sri venkateswara college of En	Student	Internal	200
105	mithun shivakumar	Sri venkateswara college of En	Student	Internal	200

Head of the Department
Electronics and Communication Engineering
Sri Venkateswara College of Engineering
Sriperumbudur - 602 117, India

EVENT COORDINATOR

<div align="center">

Speaker's profile

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Name: H. Anandkumar Singh

Career Statement:
- Development environmental friendly product. Example, led lights, SMPS   design.
- Embedded C/C++ Programming.
- DALI, PWM Controlled, Triac Dimmable Light, DMX Controlled Light
- Power Switch Control , Multi Colour Switching light
- RF control   light
- Bluetooth Controlled Light

Career Summary:
- Power Electronics circuit Design-SMPS Power supply
- LED Lighting Design
- Control circuit design using NI. Proteus professional
- Schematic Analysis, Gerber design as per IPC Standards
- Teaching Theory subject, Subject Taken: Embedded Linux
- Knowledge of programming languages
- Experience in various operating systems
- Presentations, Team building/leadership
- Programming codes, Computer applications
- Web creation/development software
- Extensive experience with C/C++ Programming
- Database design, Structured query language (SQL) expert
- Embedded C Programming

Project Experience:
- Currently working on development of New Product using LED.
- Working as HOD of R&D to build Low cost LED LIGHT
- Multi Colour Led Lights programing using Micro-controller
- Street Light, Down-light, Tubelight & bulb light design
- Worked on Subject Follow up Web Application project for VELTECH University using ASP.NET, C# and SQL2008. And Taking Classes for MTech student.
- Computer and microcontroller Programming with C/C++ and Embedded C
- Students project guide using MATLAB simulation

Teaching Experience:
- Embedded Linux for
- Basic Programming in C and C++

Computer skills:
- Programming in C/ C++, c#
- Well Verse with VB2008, and SQL.
- MATLAB Programming for IMAGE PROCESSING
- Power electronic Software- TINA, NI, for circuit analysis
- Orcad 9.2 for Gerber processing and schematic design

Educational Qualifications:

- MTech-Embedded System Technologies from VELTECH UNIVERSITY with 8.4 CGPA
- BE- ECE from NIE, Mysore, VTU University

Achievements:
- Studied BE with a Free seat from Govt. of Manipur
- Ranked "35" in EEE merit list in Manipur.

Extracurricular activities:

Paper Presentation:
- Basic of 3D image processing and use in Communication.
- Authentication Of Web Server Using Fingerprint Reader
- Design Technique of Hardware to reduce power consumption in Embedded system
- Technique of Database Management in Sensor Networks
- How to have a web server at home
- Home diagnosis of ECG with Software interface

Workshop Attended:
- DAE-BRNS Workshop in VELTECH university.
- PLC workshop in VIT.
- Micro-Air vehicle workshop in VELTECH
- Image processing and visualization in Veltech

Journal Publication:
- IMAGE AUTHENTICATION TECHNIQUE USING FSIM ALGORITHM H.Anandkumar Singh, R.Gayathri/ International Journal of Engineering Research and Applications (IJERA)   ISSN: 2248-9622 www.ijera.com Vol. 2, Issue 2, Mar-Apr 2012, pp.1129-1133

Experience:

Project Completed in Ready Led Lighting Pvt Ltd:
   Pk-18, guindy industrial estate
   Ekkattuthangal, guindy 600032
   Total exp: 3yrs
- Different Wattages of Down light, Back Light, Recess Mounting Light, Surface mounting Light, Ranging power of 3W to 36W
- Street Light Design for power ranging from 12W to 48W
- Edge lighting technology of power ranging from 3W to 24W
- Bay Lighting design of power ranging 30W to 80W, and multiple of this driver for 120W,150W and 210W design.
- Remote Control DC-DC lighting of power ranging 6W to 18W.
- DMX control rgb lighting
- DALI compatible led driver
- Bluetooth interface led driver
- RF interface led driver
- RGB wall washer design using microcontroller
- Smart street light using GSM and Xbee module.