

NATIONAL LEVEL WORKSHOP

ON

**IMPLEMENTATION OF IMAGE PROCESSING TECHNIQUES
USING OPENCV - RESEARCH PERSPECTIVE**

29th APRIL, 2019

REGISTRATION FORM

Name : _____

Designation : _____

Department : _____

Name of the institution/Industry :

Official address:

Mobile No : _____

Official Email-ID : _____

Amount : _____ Cash DD

DD number with date: _____

Bank Branch: _____

Place: _____ **Signature of Applicant**

Date: _____

ORGANIZING COMMITTEE

Patron

Dr. S.Ganesh Vaidyanathan
Principal – SVCE

Convener

Dr. S.Muthukumar
HOD – Dept. of ECE

Coordinators

Dr. R.Gayathri
Associate professor – ECE

Mr. S.P.Sivagnana Subramanian
Assistant professor – ECE

Organizing members

Mrs. S.M.Mehzabeen
Assistant professor – ECE

Ms. A.Bharathi priya
Assistant professor – ECE

RESOURCE PERSONS

Experts from Pantech ProLabs India Pvt. Ltd., Chennai.

TARGET PARTICIPANTS

The program is open to all Faculty members/
Research Scholars/PG students of Engineering colleges
or universities and industry personnel working in this
research area. The participants should bring personal
laptop, having sufficient power backups along with
laptop charger.

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ON

**IMPLEMENTATION OF IMAGE PROCESSING TECHNIQUES
USING OPENCV - RESEARCH PERSPECTIVE**

29th APRIL, 2019

Organized by



**Department of Electronics & Communication
Engineering**

Sri Venkateswara College of Engineering

Post Bag No.1, Pennalur Village

Chennai-Bengaluru High Road

Sriperumbudur Tk. - 602 117

Kancheepuram District, Tamil Nadu, India

<https://www.svce.ac.in/>

In association with

Pantech ProLabs India Pvt. Ltd.

Chennai - 600119, Tamilnadu.

ABOUT SVCE:

Sri Venkateswara College of Engineering (SVCE), a premier self-financing engineering college, was started in the year 1985 and is managed by Sri Venkateswara Educational and Health Trust. The college conducts 10 B.E / B.Tech Degree courses and 10 PG Courses in Engineering and Technology.



The college is autonomous and affiliated to Anna University, Chennai and is accredited by National Assessment and Accreditation Council (NAAC) and also by National Board of Accreditation (NBA).

ABOUT DEPARTMENT OF ECE:

The Department of Electronics and Communication Engineering was established in the year 1985 with an under Graduate Programme in Electronics & Communication Engineering and is accredited by National Board of Accreditation (NBA). It has strength of around 800 students guided by a team of devoted and diligent faculty members. The department is well equipped with state of the art laboratory facilities and

software like Tanner Tools, LabView, ADS, IE3D, latest versions of MATLAB and Math CAD etc.



Every year, the Department regularly organizes a National Level Student Technical Symposium "UPAGRAHA", a National Level Conference "National Conference on Signal Processing, Communication & Networking (NCSCN)" and also organizes several Workshops, Seminars and FDPs etc.

The Department has also secured AICTE, ISRO funded R & D projects. The Department has signed MoUs with reputed industries. Consultancy work is also carried out in our department.

ABOUT THE WORKSHOP:

Here's what you'll learn from the workshop:

- Introduction to image processing & openCV
- Basic image processing techniques
- Drawing basic structures with openCV
- Interfacing sensors externally
- Applications of image processing

The purpose of this workshop is to help to carry out your own image processing research works using OpenCV. OpenCV is an Open Source Computer Vision Library and machine learning software library. OpenCV (<https://opencv.org/>) is released under a BSD license for computational efficiency with a strong focus on computer vision based real-time applications.

REGISTRATION DETAILS:

Participants for this event are limited to 25 members and the selection is based on first come first serve basis. Hence, participants must register for the workshop to ensure their participation through email.

Registration fee: Rs. 250/-

Deadline for registration: 24-04-2019

Intimation of confirmation: 25-04-2019

The payment shall be made in the form of DD drawn in favour of "The Principal, Sri venkateswara college of engineering" payable at Chennai and send it by post/courier to reach 'The Coordinator of the event' on or before 24-04-2019.

Email id :

mehzabeen@svce.ac.in

bharathipriya@svce.ac.in

Contact numbers :

9840847247, 7502357937, 9444123626

SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

One day workshop on

“Implementation of Image Processing Techniques using OpenCV - Research Perspective”

29th April 2019

Program schedule

8.30 AM - 9.00 AM - Registration

9.00 AM - 9.30 AM - Inauguration

9.30 AM - 10.45 AM - Overview on OpenCV

10.45 AM-11.00 AM Tea break

11.00 AM - 12.15PM - Implementaion of basic image processing algorithms OpenCV

12.15 PM -1.15 PM - Lunch Break

1.15 PM- 2.45PM – Implementaion of image processing applications OpenCV - Research perspective

2.45 PM – 3.00 PM Valedictory function

3.00 PM -3.15 PM Tea break

* Resource persons - Experts from Pantech Prolabs India Pvt. Ltd.



Event Co-ordinator



HOD/ECE

Sri Venkateswara College of Engineering, Sriperumbudur

REPORT ON NATIONAL LEVEL WORKSHOP

Implementatio of Image Processing Techniques using OpenCV-Research Perspective

Organized by

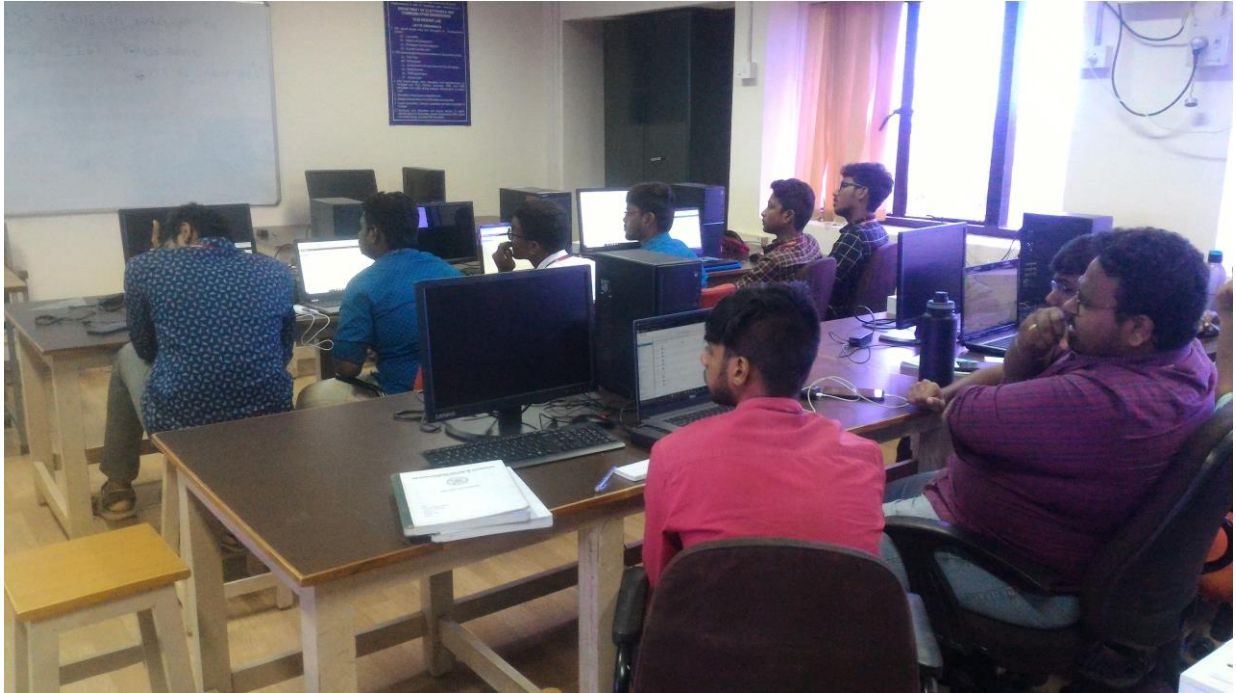
Department Of Electronics and Communication Engineering

The hands-on workshop was organized on 29th April 2019 at our department DSP lab and is open to all our ECE students and faculty members, having IoT as their area of interest. The participants were strictly limited to maximum of 20 teams with two students/faculty members per team and the same was registered based on first come first served basis.

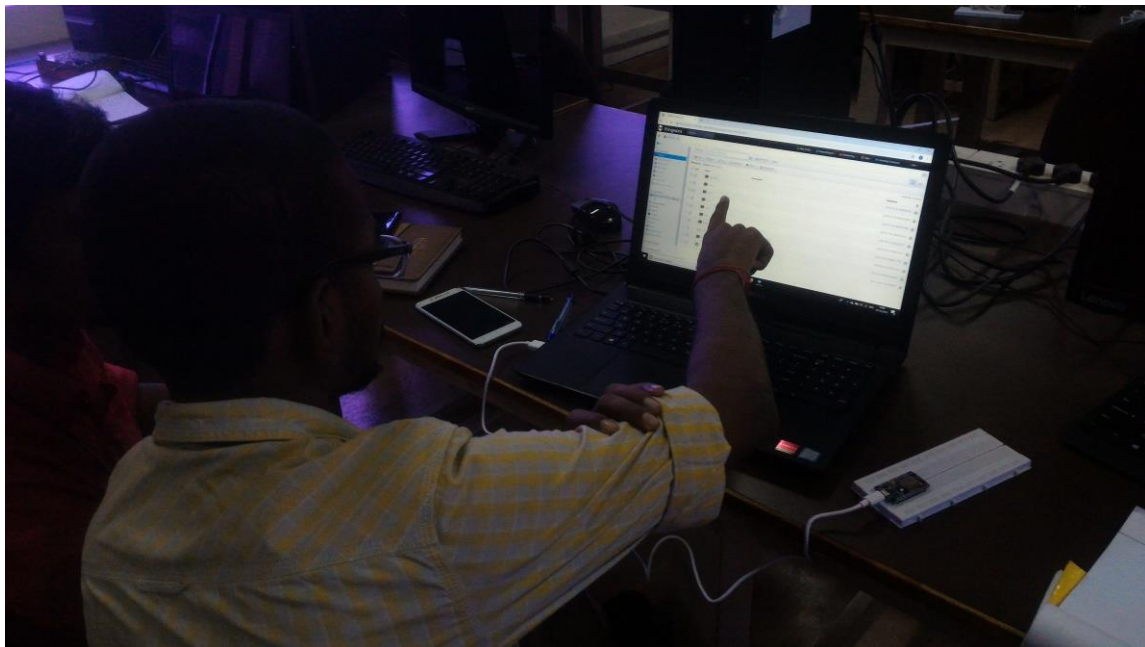


The workshop was coined for technically packed one day with hands-on session by the resource person, Mr. Sasikiran with industrial experience from - Experts from Pantech Prolabs India Pvt. Ltd, utilizing specialized Industrial IOT platform called “THINGWORX” which comprises enhanced features, comparing any other IOT platform. This workshop was organized exclusively for the well being to our SVCE

students, especially belonging to final year students to do their project work with prior practical knowledge and for other students as ‘Value added course’.



Workshop was started with basics of Internet of Things and introduced Industrial Internet of Things (IIoT) supporting platform, ThingWorx for Industry 4.0. Live IoT Application was created through practical hands-on session. Case study was also discussed as per the schedule below.



Mr. Sasikiran had delivered the content for one day without compromising the quality of content delivery right from 1st day.



Convener

Dr. S.Muthukumar
HOD - Dept. of ECE

Event coordinators (SVCE)

Mr. S.P.Sivagnana Subramanian

Dr. R.Gayathri

Ms. K.S.Subhashini

Ms. S.M.Mehzabeen

Ms. A.Bharathi Priya



Event coordinator (Adroitec)

Ms. S.Swathi

SRI VENKATESWARA COLLEGE OF ENGINEERING

Department of Electronics and Communication Engineering

Workshop on “Advances in Image Processing & its Applications” , 18th & 19th March
2016

List of participants

S.No	Name of the participants	College / Industry	Faculty/Student / Ph.D scholar
1	ARAVINDHAN K	SVCE	Student
2	DEEPA T	SVCE	Student
3	DEEPIKA G	SVCE	Student
4	FINCY MOL F	SVCE	Student
5	JOSE NISHA J	SVCE	Student
6	KOPPERUNDEVI P	SVCE	Student
7	MAGESHWARI N	SVCE	Student
8	NADAR JAMES FRANCIS JOSEPH ROY	SVCE	Student
9	PAVITHRA G	SVCE	Student
10	RAJALAKSHMI P	SVCE	Student
11	SWETHA K	SVCE	Student
12	YUVARAJ E	SVCE	Student
13	AKILA	SVCE	Student

14	BHARATHI D	SVCE	Student
15	DEEPIKA S	SVCE	Student
16	HEMAVATHI K	SVCE	Student
17	JOTHILAKSHMI K	SVCE	Student
18	KALAIVANI P	SVCE	Student
19	LAKSHMI THARA R	SVCE	Student
20	MOHAN C	SVCE	Student
21	MOHANA SUNDARAM R	SVCE	Student
22	NIVEDHA P	SVCE	Student
23	PRAVEENRAJU G	SVCE	Student
24	RAMYA R	SVCE	Student
25	SNEHA V	SVCE	Student
26	SRIDEVI L	SVCE	Student
27	VIJAYALAKSHMI S	SVCE	Student
28	VINMATHY M	SVCE	Student
29	ARUN SARAVANAN	SVCE	Student
30	HARI PRASANTH S	SVCE	Student

31	KANNAN S	SVCE	Student
32	GOKUL S	SVCE	Student
33	JAGAN KUMAR	SVCE	Student
34	BHUVANESWARI	Saveetha Engineering College	Research Scholar
35	AKILA	Meenakshi College of Engineering	Research Scholar
36	SHERIFF M	Veltech Engineering College	Research Scholar
37	MEKALA S	Veltech Engineering College	Research Scholar
38	KAVITHA M	Veltech University	Research Scholar
39	Ms.L.ANJU	SVCE	Research Scholar
40	SRINATH R	Veltech Engineering College	Research Scholar
41	VIDYA LAKSHMI V	Velammal Engineering College	Research Scholar
42	JAYANTH G	Velammal Engineering College	Research Scholar
43	KALA A	SVCE	Research Scholar
44	SHARON FEMI P	SVCE	Research Scholar
45	MENAKA D	SVCE	Research Scholar
46	HANUMAN C R S	College of Engg.Guindy, Anna University	Research Scholar
47	BALAMURUGAN V	SVCE	Student

48	FELIX A	SVCE	Student
49	KALYANI S	SVCE	Research Scholar
50	KUMARAN N	SVCE	Faculty
51	NANDHINI S	SVCE	Faculty
52	SASIKALA K	Ethiraj College for Women,Chennai	Research Scholar
53	KAYATHRI P	Ethiraj College for Women,Chennai	Research Scholar
54	SMITHA R	Ethiraj College for Women,Chennai	Research Scholar
55	KANAGAVAALLI R	Ethiraj College for Women,Chennai	Research Scholar
56	BHARATHI DASAN S G	SVCE	Ph.D
57	BHAVITHRA JOHN	Loyola Engineering College	Research Scholar
58	SHERIN SHIBI	Loyola Engineering College	Research Scholar
59	Stephena	Loyola Engineering College	Student
60	PAVITHRA M	Jeppiar Engineering College	Student
61	USHA R	Jeppiar Engineering College	Student
62	SRINIDHI S	Jeppiar Engineering College	Student
63	RACHE NISHANTH A	Jeppiar Engineering College	Student
64	NIRANJAN R	Jeppiar Engineering College	Student

65	PRAVIN DOSS R	Jeppiar Engineering College	Student
66	SUBASH E	Jeppiar Engineering College	Student
67	VIGNESH R V	Jeppiar Engineering College	Student
68	VIJAYANTHI	Jeppiar Engineering College	Student
69	PRIYANKA D	Jeppiar Engineering College	Student
70	JAYALAKSHMI S	Saveetha Enggineering College	Student
71	MEENAKSHI M	Saveetha Enggineering College	Student
72	GEETHANJALI T	Saveetha Enggineering College	Student
73	KALPANA J	Saveetha Enggineering College	Student
74	SANMATHI M	Saveetha Enggineering College	Student
75	SATHYA B	Saveetha Enggineering College	Student
76	HIMA BINDU K	Saveetha Enggineering College	Student
77	NAVEEN KUMAR T R	Saveetha Enggineering College	Student
78	PALLAPOLU KARTEEK	Saveetha Enggineering College	Student
79	PULA VINOD KUMAR	Saveetha Enggineering College	Student
80	OMPRAKASH N	Saveetha Enggineering College	Student
81	BALA SUGANYA G	Tagore Engineering College	Faculty

82	MADHUMITHA P	SVCE	Faculty
83	NITHYA S	SVCE	Faculty
84	KEERTHANA	SVCE	Student
85	KIRUTHIKAA BALU	SVCE	Student
86	SARALA	SVCE	Faculty
87	KOUSALYA	SVCE	Faculty
88	JAYAPRASAD.S	SVCE	Student
89	D.KISHORE	SVCE	Student
90	A.C.B.YOKESHRAJ	SVCE	Student
91	S.LOGESH	SVCE	Student
92	SUDALAIMUTHU	SVCE	Student
93	R.SILAMBARASAN	SVCE	Student
94	A.KUMARASWAMY	SVCE	Faculty
95	R.VIJAY	SVCE	Student
96	LAVANYA.S	SVCE	Student
97	Vishnu	SVCE	Student
98	Vignesh Raja	SVCE	Student

99	Suburayan V	SVCE	Student
100	Sengathir Selvan S	SVCE	Student
101	Saranya s	SVCE	Student
102	sahana S	SVCE	Student
103	sangeetha Priya s	SVCE	Student
104	Anand Prabhakar	SVCE	Student
105	Vijay Kumar	SVCE	Student
106	Shivaranjani R	SVCE	Student
107	Arun Kumar B	SVCE	Student
108	Sakthi Vasam A.P	SVCE	Student
109	Gautham S	SVCE	Student
110	Girish Kumar V	SVCE	Student
111	K.Ajith Kumar	SVCE	Student
112	T.J.Jeyaprabha	SVCE	Faculty
113	Priyadharsini N	SVCE	Student
114	Nagamalini V	SVCE	Student
115	Fathima Faumeetha N A	SVCE	Student

116	Mekala G	SVCE	Student
117	Lavanya A	SVCE	Student
118	G.Hemachandran	Rajalakshmi Engg. College	Student
119	R.Divya	Rajalakshmi Engg. College	Student
120	Tharani D	Easwari Engg. College	Faculty
121	J.Gnana arun Johnson	DMI college of engineering	Faculty
122	K.Karthee	SVCE	Faculty
123	Neenu Jose	Saveetha Engineering College	Student
124	M.Vidya	SVCE	Faculty
125	M.Anushya	SVCE	Faculty
126	S.Uma Maheswari	Easwari Engg. College	Faculty
127	Praveen Raju	Veltech University	Research Scholar

Coordinators

Dr.R.Gayathri

Mr.S.P.Sivagnana Subramanian

Mrs. S.M.Mehzabeen



EVENT COORDINATOR



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