

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)**

L.B. REDDY NAGAR, MYLAVARAM – 521230. A.P. INDIA
Affiliated to JNTUK Kakinada & Approved by AICTE, New Delhi
Accredited By NAAC, Accredited By NBA Tier-I & Certified by ISO 9001:2015
<http://www.lbrce.ac.in>, Phone: 08659 – 222933, Fax: 08659 – 222931 Extn:109

DEPARTMENT OF INFORMATION TECHNOLOGY

Report On “WORKSHOP ON IMAGE PROCESSING USING OPEN CV”

Event Type: Workshop (Offline)

Date / Duration: 30th October, 2021, One day.

Resource Persons:

- **Sripath Roy**, General Secretary of SLC(Swecha Learning Center)
- **Aasritha**, Software developer at Tech Mahindra.
- **Niharika**, Developer at Cognizant.
- **Hemchand**, Business analyst at Quantify.

Name of Faculty Coordinator:

Mr. K.Rajasekhar, Sr.Asst.Prof.,Dept.of IT, LBRCE-Mylavaram

Name of Student Coordinator(s):

- U. Maheswar Reddy-18761A1257
- A.Mounika-18761A1202
- B.Bhavana-18761A1203
- R. Priyadarshini -19761A1246
- A.Kavya-19761A1201
- S.Swathi-19761A1248
- P.Veenadhari-19761A1243
- G.Raviteja-19761A1279
- G.Abhishek-19761A1284
- R.Kalyan-19761A12B1
- M.Vamsi Krishna-19761A12C4
- Ch.Abhi Naga Mouli-20765A1208

- G.Likhitha-19761A1281
- M.Krishnaveni-19761A1298
- Y.Harika-19761A12C8
- G.Jahnavi Reddy-19761A1287

Target Audience: 3rd Year LBRCE Students

Total no of Participants: 370

Objective of the event: To disseminate the knowledge of “ **Image processing using OpenCV**” among students.

Outcome of event:

At the end of the event participants can able to

- To improve knowledge of Python OpenCV Libraries
- To improve Knowledge on working on Image Processing using openCV.
- To improve knowledge on face detection and object detection

Description / Report on Event:

The Department of Information Technology (IT), Lakireddy Bali Reddy College of Engineering (LBRCE), Mylavaram, organized the workshop for UG 3rd Year students of the college on 30th October 2021, One Day.

The One-day workshop conducted through offline in Lotus hall from 09.30 A.M. to 04.00 P.M.

30/10/2021:

One day workshop was inaugurated on 30th October,2021 by the HOD, Department of IT and Principal of LBRCE. All the IT department faculty members, Resource persons and participants attended. The day started with the welcome speech given by Principal Sir, Hod sir, continued the workshop. In the session,conducted and the following topics covered:

- Installations of PythonIdle , OpenCV library and Numpy .
- Converting image into matrix format.
- Type and shape of Image
- Converting the colored Image into gray scale
- Resize the image
- Border to the image
- Blur the image

Feedback / Suggestions

The feedback survey was completed by the participants in the session itself, a response rate of about 90 percent. The survey's findings on outcomes, satisfaction, overall workshop feedback, and recommendations for improvement

- Suggested to organize this kind of Lectures regularly.
- Suggested to organize for students for this kind of workshop.
- Recommendations for improving future workshops by providing more time, background information, and documentation.

List of Students Participated in Workshop:

S.NO	Student Name	H.T.No	College Name
1	AATHUKURI KAVYA	19761A1201	LBRCE
2	ADDEPALLI BHAVANA	19761A1202	LBRCE
3	ANUMOLU BINDU SAI	19761A1203	LBRCE
4	ARJA GREESHMA	19761A1204	LBRCE
5	BADISA BHAVANA	19761A1205	LBRCE
6	BARMA PAVAN KUMAR	19761A1206	LBRCE
7	BORRA LEKHA SRI	19761A1207	LBRCE
8	BUSI DEEPTHI PRIYA	19761A1208	LBRCE
9	CHERUKUMALLI LAHARI	19761A1209	LBRCE
10	CHITTIMALA ARUN RAVIKANTH	19761A1210	LBRCE
11	DASARI ABHISHEK	19761A1211	LBRCE
12	DONTHI REDDY CHETANA VARSHA	19761A1212	LBRCE
13	DUGGI MANIKANTA REDDY	19761A1213	LBRCE
14	ELAPROLU SRAVYA	19761A1214	LBRCE
15	GELLI SAI SUDHESHNA	19761A1215	LBRCE
16	GUDIVADA SAI PRIYA	19761A1216	LBRCE
17	KARANAM MANJUSHA	19761A1217	LBRCE
18	KARISE PREMA LATHA	19761A1218	LBRCE
19	KARNATI AJENDRA REDDY	19761A1219	LBRCE
20	KATTEPOGU RAMYASRI	19761A1220	LBRCE
21	KESARI HARISH REDDY	19761A1221	LBRCE
22	KILLAMPALLI MANEESHA	19761A1222	LBRCE
23	KOLUSU HARITHA	19761A1223	LBRCE
24	KUKKADAPU LAKSHMI MEGHANA	19761A1224	LBRCE
25	KUNTAMUKKALA KIRAN KUMAR	19761A1225	LBRCE
26	MALLAREDDY SAMANVAYA ABHINAYA SADHVIKA	19761A1226	LBRCE
27	MALLIREDDY SURYA TEJASWINI	19761A1227	LBRCE
28	MOHAMMED INZAMAM	19761A1228	LBRCE
29	MOHAMMED SADHAK	19761A1229	LBRCE
30	MOTAKATLA SATYA SAI KRISHNA REDDY	19761A1230	LBRCE
31	MYNAM BHARGAVI	19761A1231	LBRCE
32	MYNAM GANGA BHAVANI	19761A1232	LBRCE
33	NALLAGATLA VENKATA SIVA PRASAD	19761A1233	LBRCE
34	NALLANI BHUVANESH	19761A1234	LBRCE

35	NARALA INDHU MATHI	19761A1235	LBRCE
36	NARASINGULA DHARANI	19761A1236	LBRCE
37	PABBATHI MANOBHI RAM	19761A1237	LBRCE
38	PALLANTI DHANALAKSHMI	19761A1238	LBRCE
39	PANDIRI MAHESWARI	19761A1239	LBRCE
40	PASUPULETI VENKATA REVANTH	19761A1240	LBRCE
41	PATHAN FIROZ KHAN	19761A1241	LBRCE
42	PEDDIBOYINA HEMA HARINI	19761A1242	LBRCE
43	POLANI VEENADHARI	19761A1243	LBRCE
44	PONNAGANTI LALITHA	19761A1244	LBRCE
45	PURITIPATI SAI SANTHOSH REDDY	19761A1245	LBRCE
46	RAYALA PRIYA DARSHINI	19761A1246	LBRCE
47	SAI PRIYA NARINDI	19761A1247	LBRCE
48	SANGEPU SWATHI	19761A1248	LBRCE
49	SANIKOMMU YASWANTH REDDY	19761A1249	LBRCE
50	SARNALA LAVANYA	19761A1250	LBRCE
51	SHAIK ABDUL RIYAZ	19761A1251	LBRCE
52	SHAIK MASTANI	19761A1252	LBRCE
53	SHAIK RIYAZ	19761A1253	LBRCE
54	SHAIK SHAZIYA	19761A1254	LBRCE
55	TADANKI KRUPA SANDHYA	19761A1255	LBRCE
56	TATA GEETA	19761A1256	LBRCE
57	TURAKA KIRANMAI	19761A1257	LBRCE
58	VALLETI THARUN	19761A1258	LBRCE
59	VEGINETI DHARMA TEJA	19761A1259	LBRCE
60	VEMULAKONDA VAMSI SAI MANOHAR	19761A1260	LBRCE
61	VENNAPUSA VIJAYA LAKSHMI	19761A1261	LBRCE
62	VISWANADHAPALLI SIVA	19761A1262	LBRCE
63	YANDURU YAMINI SNEHITHA	19761A1263	LBRCE
64	YARRAMNENI NIKHIL SAI	19761A1264	LBRCE
65	CHELLU VAMSI KRISHNA	20765A1201	LBRCE
66	DEVIREDDY ROSI REDDY	20765A1202	LBRCE
67	ITELA ANIL KUMAR	20765A1203	LBRCE
68	NARRA VENKATA PRASAD	20765A1204	LBRCE
69	PEREPI DURGA TEJA	20765A1205	LBRCE
70	SHAIK ANWAR PASHA	20765A1206	LBRCE
71	ATTULURI NAGA ASRITHA	19761A1265	LBRCE
72	AVULA SRINIVASA AJAY BABU	19761A1266	LBRCE
73	BANDI LAVANYA	19761A1267	LBRCE
74	BODDU SRI SOWMYA	19761A1268	LBRCE
75	BOLLEDDU VAMSI	19761A1269	LBRCE
76	BOLLINENI APARNA	19761A1270	LBRCE
77	CHAKRAVARAM KARTHIK	19761A1271	LBRCE
78	CHEEDIRALA SAI KUMAR	19761A1272	LBRCE
79	CHINNALA MANJUSHA	19761A1273	LBRCE
80	CHINTAM CHANDRA SEKHAR	19761A1274	LBRCE
81	CHIRIPURAPU SANDHYA RANI	19761A1275	LBRCE
82	DEVARAKONDA RUSHIKA SHREYA	19761A1276	LBRCE
83	GARNEPUDI MOHAN KRISHNA	19761A1277	LBRCE

84	GATTA DEDEEPIYA SRI SAI SUSHMITHA	19761A1278	LBRCE
85	GEDELA RAVITEJA	19761A1279	LBRCE
86	GINJUPALLI RAVI TEJA	19761A1280	LBRCE
87	GOBERU LIKHITHA	19761A1281	LBRCE
88	GONEPALLI SIVAKRISHNA	19761A1282	LBRCE
89	GOWRAVARAPU SAI NANDINI	19761A1283	LBRCE
90	GUDIMETLA ABHISHEK	19761A1284	LBRCE
91	GUNTI GNANESWAR SAI	19761A1285	LBRCE
92	GURIJA AKANKSHA	19761A1286	LBRCE
93	JAHNAVI REDDY GONDESI	19761A1287	LBRCE
94	JULURU JAHNAVI SAI AASRITHA	19761A1288	LBRCE
95	KAKANI AKHILA	19761A1289	LBRCE
96	KAKUMANU MANOJ KUMAR	19761A1290	LBRCE
97	KANDRU JAYA LAKSHMI	19761A1291	JNTUK
98	KETHA SUDARSAN RAGHURAM	19761A1292	LBRCE
99	KETHE MANOJ KUMAR	19761A1293	LBRCE
100	KOKKIRAGADDA VAMSI	19761A1294	LBRCE
101	KOMMU SUJITH KUMAR	19761A1295	LBRCE
102	MADDI KRESHNAA	19761A1296	LBRCE
103	MAMIDIPAKA RAMYA SATYASRI PRASANNA	19761A1297	LBRCE
104	MAMILLA KRISHNAVENI	19761A1298	LBRCE
105	MAMILLAPALLI SWATHI	19761A1299	LBRCE
106	MODUGU PRIYANKA	19761A12A0	LBRCE
107	MUKKERA PUSHPA	19761A12A1	LBRCE
108	MULLANGI DAVID	19761A12A2	LBRCE
109	NALLAMOTU HARITHA	19761A12A3	LBRCE
110	NARASIMHA RAO BATTULA	19761A12A4	LBRCE
111	NERELLA SAI SASANK	19761A12A5	LBRCE
112	PAGI PRASANTH KUMAR	19761A12A6	LBRCE
113	PAMARTHI UDAY KIRAN	19761A12A7	LBRCE
114	PATIBANDLA YUGALA	19761A12A8	LBRCE
115	PULAKHANDAM JAHNAVI	19761A12A9	LBRCE
116	RAVULA VAISHNAVI	19761A12B0	LBRCE
117	RAYAPUREDDY KALYAN	19761A12B1	LBRCE
118	RUDRARAPU BHAVANI	19761A12B2	LBRCE
119	SHAIK NAZEER	19761A12B3	LBRCE
120	SHAIK SHAHEEDA	19761A12B4	LBRCE
121	SOMALA KEERTHI	19761A12B5	LBRCE
122	SUNKARA SAI KUMAR	19761A12B6	LBRCE
123	TANANKI KEERTHI	19761A12B7	LBRCE
124	TODETI NIKHITHA SRI	19761A12B8	LBRCE
125	TUMMA ANUSHA	19761A12B9	LBRCE
126	TUMU NAVYA CHANDRIKA	19761A12C0	LBRCE
127	VADDELLI CHARITHA SRI	19761A12C1	LBRCE
128	VADLAMUDI TEJA SAI SRI	19761A12C2	LBRCE
129	VALLURI ANAND	19761A12C3	LBRCE
130	VAMSI KRISHNA MODALA	19761A12C4	LBRCE

131	VANALAPATI NANDA GOPAL	19761A12C5	LBRCE
132	VATALA AKASH	19761A12C6	LBRCE141
133	VEMULA NAGA BINDU SRI	19761A12C7	LBRCE
134	YARRA HARIKA	19761A12C8	LBRCE
135	BHOGADI ROHITH	20765A1207	LBRCE
136	CHANNAMSETTI ABHI NAGA MOULI	20765A1208	LBRCE
137	NERELLA VISHNU SAI	20765A1209	LBRCE
138	SUREDDY TEJASWINI	20765A1210	LBRCE
139	SWARNA VARSHITHA	20765A1211	LBRCE
140	YANAGANTI CHAITHANYA	20765A1212	LBRCE
141	BANNU GUDISE	18761A0462	LBRCE
142	AYYAPPA MANNAM	19761A0401	LBRCE
143	BADDIGAM VEERA MALLA REDDY	19761A0402	LBRCE
144	BHUMPALLI NAVEEN REDDY	19761A0403	LBRCE
145	BOLLA SAI KAVYA	19761A0404	LBRCE
146	BORRA RITHIKA	19761A0405	LBRCE
147	BURADA VENKATA SATYA SRAVAN	19761A0406	LBRCE
148	CHANAMALA RAKESH	19761A0407	LBRCE
149	CHEEKU DIVYA SRI	19761A0408	LBRCE
150	CHANAMALA RAKESH	19761A0409	LBRCE
151	CHEEKU DIVYA SRI	19761A0410	LBRCE
152	CHILLAPALLI JYOTHI	19761A0411	LBRCE
153	CHODAVARAPU SRINIVASA RAO	19761A0412	LBRCE
154	DASARI VINOD	19761A0413	LBRCE
155	DEVARAKONDA GOPI KRISHNA	19761A0414	LBRCE
156	DEVARAKONDA PAVAN KUMAR	19761A0415	LBRCE
157	DHARAVATHU SWAROOP	19761A0416	LBRCE
158	DHARAVATHU SWAROOP	19761A0417	LBRCE
159	DINTAKURTHI NAGA SRINIVAS	19761A0418	LBRCE
160	DUGGEMPUDI MANJULATHA	19761A0419	LBRCE
161	DULAM VISHNU VARDHAN REDDY	19761A0420	LBRCE
162	GANDRA NAGACHANDRIKA	19761A0421	LBRCE
163	GANTA SHASHANK	19761A0422	LBRCE
164	GEDALA VASAVI RAMA	19761A0423	LBRCE
165	KAKUMANI MANIDEEP	19761A0424	LBRCE
166	KANIPAKAM LAVANYA	19761A0425	LBRCE
167	KANNEGANTI DIVIJA	19761A0426	LBRCE
168	KASI DIVYA SREE	19761A0427	LBRCE
169	KOMMU LIFE CARE	19761A0428	LBRCE
170	KOMMU PREM KUMAR	19761A0429	LBRCE
171	KONDAPALI SAIRAM	19761A0430	LBRCE
172	KOTARI HARITHA	19761A0431	LBRCE
173	MADAPAKULA ABHISHEK	19761A0432	LBRCE
174	MADIRE SAI PRATAP REDDY	19761A0433	LBRCE
175	MALAVATHU PRASAD BABU	19761A0434	LBRCE
176	MARRIWADA JOSHITHA	19761A0435	LBRCE
177	MEDAKA BHAAVANI	19761A0436	LBRCE
178	NALLURI LAKSHMI NEERAJA	19761A0437	LBRCE

179	PALAGANI SOWJANYA	19761A0438	LBRCE
180	PANDILLA VEERA KAVYA	19761A0439	LBRCE
181	RACHAKONDA DIVYA DEEPIKA	19761A0440	LBRCE
182	RAGINEEDU SIVA KOTESWARA RAO	19761A0441	LBRCE
183	RAJARAPU STEVENSON	19761A0442	LBRCE
184	RAMICHETTY MOUNIKA	19761A0443	LBRCE
185	REDDICHARLA JOSHNA	19761A0444	LBRCE
186	SAMSANI SAI TEJASWI	19761A0445	LBRCE
187	SANAGAVARAPU SAI SURENDRA	19761A0446	LBRCE
188	SANI SAI RAM	19761A0447	LBRCE
189	SHAIK ABDUL RAZWANA BEGUM	19761A0448	LBRCE
190	SHAIK FIRDOSE	19761A0449	LBRCE
191	SHAIK KHAMAR ALFAZ	19761A0450	LBRCE
192	SHAIK RIZWANA	19761A0451	LBRCE
193	SIRASANAGANDLA VENU GOPAL	19761A0452	LBRCE
194	SONTTI GAYATHRI	19761A0453	LBRCE
195	SUDABATHULA SEVA THARUN	19761A0454	LBRCE
196	SUKUMAR VAMSI MUTYALA	19761A0455	LBRCE
197	TALLAPALLI NARENDRA	19761A0456	LBRCE
198	THOMMANDRU ADITHYA	19761A0457	LBRCE
199	TUMMALA PAWAN KALYAN	19761A0458	LBRCE
200	UPPALA PAVANI	19761A0459	LBRCE

Photographs :

- One day Workshop on image processing using Open Cv



Title: Addressing about workshop by
Dr. K.Apparao Garu,principal of lbrce



Title: Addressing about workshop by
Dr. B. Srinivasa Rao, HOD, IT






Title: Inauguration on Image Processing using OpenCv




Title : Demo by Aasritha (software developer at Tech ahindra) on Image processing using OpenCv

Brochure:



1 Day **WORKSHOP** On

Image Processing using OpenCV




30 OCT 2021 (Sat)

9:00AM ONWARDS

Open for all

Register: <http://swechaap.org/events/lbrce>



Organized by

#LBRCE SLC



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L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India