



**SVCE**

Sri Venkateswara  
College of  
Engineering



INSTITUTION'S  
INNOVATION  
COUNCIL  
UNIVERSITY OF GUJARAT, RAJCOVAT

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**PRESENTS**

**Workshop on  
Digital Image Processing using  
MATLAB**

**HANDS ON SESSION USING  
MATLAB CAMPUS WIDE  
LICENSE**

**COORDINATORS**

- 1) **Ms.D.Menaka,Assistant Professor,Dept of ECE.**
- 2) **Ms.K.Srividhya,Assistant Professor,Dept of ECE.**
- 3) **Ms.S.Kalyani,Assistant Professor,Dept of ECE.**
- 4) **Ms.L.Anju,Assistant Professor,Dept of ECE.**
- 5) **Mr.M.K.Varadarajan,Assistant Professor,Dept of ECE.**

Dates : 05/04/2021  
07/04/2021  
09/04/2021

Timing : 6PM-7.30PM

**Sri Venkateswara College of Engineering**

**Department of Electronics and Communication Engineering**

**Workshop on  
Digital Image Processing using MATLAB**

<b>S.no</b>	<b>Date</b>	<b>Time</b>	<b>Name of the Speaker</b>	<b>Topic</b>
1.	05/04/2021	6-6.45pm	Mr.M.K.Varadarajan	Introduction to Image Processing techniques and Introduction to MATLAB
2.	05/04/2021	6.45-7.30pm	Ms.L.Anju	Arithmetic and Logical Image Processing using MATLAB
3.	07/04/2021	6-6.45pm	Ms.D.Menaka	Image Enhancement Techniques using MATLAB
4.	07/04/2021	6.45-7.30pm	Ms.S.Kalyani	Spatial filtering and transform domain filtering
5.	09/04/2021	6-6.45pm	Ms.K.Srividhya	Image Restoration and Segmentation
6.	09/04/2021	6.45-7.30pm	Ms.L.Anju	Color Image Processing and Image Classification



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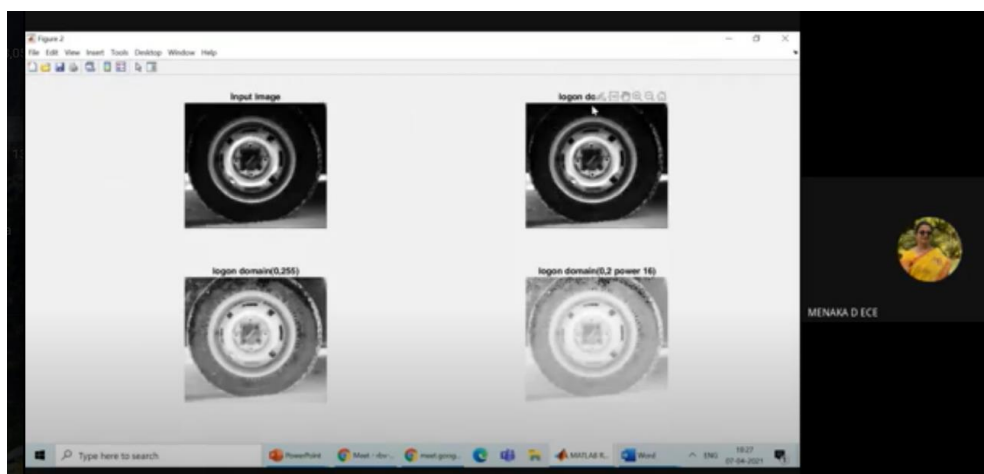
## Sri Venkateswara College of Engineering

### Department of Electronics and Communication Engineering

#### Workshop on Digital Image Processing using MATLAB REPORT

A Workshop on the topic " Digital Image Processing using MATLAB" was arranged for the pre final year students of Electronics and Communication Engineering. The workshop was planned for three days on 5<sup>th</sup>,7<sup>th</sup> and 9<sup>th</sup> April 2021 with two sessions per day.Faculty who are specialists in Image Processing handled the sessions.

The workshop began with Introduction to Image Processing wherein the usage of MATLAB and its ease of applying in Image Processing is discussed.Various basic, processing methods were covered by Ms.L.Anju .The next session continued with the arithmetic and logical processing of images.Day 2 discussed on the various Image Enhancement techniques followed by the spatial filtering and transform domain filtering on last day.The session was handled by Ms.D.Menaka.



The workshop served as a platform for allied learning with hands on sessions leading to hands on experience in learning Image Processing practically. The event kindled the interest in students since they were able to code and visually experience the processed outputs instantaneously. The workshop was an enjoyable learning and overall a grand success. Around 48 students attended the session.



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**SIGNATURE OF HOD/ECE**

**Workshop on Digital Image Processing Using MATLAB -05/04/2021**

Name	Email	Duration	Time joined	Time exited
Anju ECE	anju@svce.ac.in	1 hr 44 min	5:50 PM	7:35 PM
SARALA B Ece	sarala@svce.ac.in	1 hr 39 min	5:54 PM	7:33 PM
VARADARAJAN MK ECE	rajan@svce.ac.in	1 hr 5 min	5:56 PM	7:01 PM
MENAKA D ECE	menaka@svce.ac.in	49 min	5:57 PM	7:35 PM
DEEPIKA ECE	2018ece0149@svce.ac.in	1 hr 36 min	5:57 PM	7:33 PM
TAMIL SELVAN ECE	2018ece0744@svce.ac.in	1 hr 36 min	5:57 PM	7:33 PM
KEERTHANA G ECE	2018ece0704@svce.ac.in	1 hr 36 min	5:57 PM	7:33 PM
RESHMI JAYARAJAN ECE	2018ece0124@svce.ac.in	1 hr 36 min	5:57 PM	7:33 PM
ISHWARYA ECE	2018ece0099@svce.ac.in	1 hr 36 min	5:57 PM	7:33 PM
VISHWESH ECE	2018ece0752@svce.ac.in	1 hr 34 min	5:58 PM	7:33 PM
JERUSHA ECE	2018ece0123@svce.ac.in	1 hr 35 min	5:58 PM	7:33 PM
SIDDHARTH ECE	2018ece0695@svce.ac.in	1 hr 32 min	5:59 PM	7:33 PM
ASHWIN KUMAR ECE	2018ece0735@svce.ac.in	1 hr 34 min	5:59 PM	7:33 PM
HARI KHESHAV ECE	2018ece0698@svce.ac.in	1 hr 34 min	5:59 PM	7:33 PM
YOGESH ECE	2018ece0228@svce.ac.in	1 hr 34 min	5:59 PM	7:33 PM
SUDHARSANA ECE	2018ece0875@svce.ac.in	1 hr 34 min	5:59 PM	7:33 PM
ABINAYA ECE	2018ece0097@svce.ac.in	1 hr 31 min	5:59 PM	7:33 PM
JANANI ECE	2018ece0072@svce.ac.in	1 hr 32 min	6:00 PM	7:33 PM
SRIMATHI ECE	2018ece0154@svce.ac.in	1 hr 33 min	6:00 PM	7:33 PM
VIDHYA ECE	2018ece0096@svce.ac.in	1 hr 7 min	6:01 PM	7:34 PM
SWETHA S 133 ECE	2018ece0110@svce.ac.in	1 hr 32 min	6:01 PM	7:33 PM
SUDHARSAN ECE	2018ece0713@svce.ac.in	1 hr 29 min	6:01 PM	7:33 PM
SUSHMITHA ECE	2018ece0058@svce.ac.in	1 hr 31 min	6:02 PM	7:33 PM
SESHADRI ECE	2018ece0589@svce.ac.in	1 hr 31 min	6:02 PM	7:33 PM
BHARATHKUMAR ECE	2018ece0841@svce.ac.in	1 hr 30 min	6:03 PM	7:33 PM
VISHNUVARADHAN ECE	2018ece0126@svce.ac.in	1 hr 30 min	6:03 PM	7:33 PM
ABIRAMI ECE	2018ece0681@svce.ac.in	1 hr 29 min	6:04 PM	7:34 PM
SATHYA ECE	2018ece0172@svce.ac.in	1 hr 29 min	6:04 PM	7:33 PM
SUWETHA ECE	2018ece0114@svce.ac.in	1 hr 27 min	6:06 PM	7:33 PM
BALAJI S ECE	2018ece0189@svce.ac.in	1 hr 26 min	6:07 PM	7:33 PM
ADITYA ECE	2018ece0746@svce.ac.in	1 hr 26 min	6:07 PM	7:33 PM
KALYANI S ECE	kalyani@svce.ac.in	1 hr 26 min	6:08 PM	7:34 PM
KAMALAKANNAN ECE	2018ece0129@svce.ac.in	1 hr 23 min	6:10 PM	7:34 PM
BOOMICA ECE	2018ece0109@svce.ac.in	1 hr 23 min	6:10 PM	7:33 PM
DEEPAK SHIVAVEL ECE	2018ece0684@svce.ac.in	1 hr 48 min	6:11 PM	7:58 PM
POOJA R EC	2018ec0965@svce.ac.in	1 hr 22 min	6:11 PM	7:33 PM
KAVITHA ECE	2018ece0846@svce.ac.in	1 hr 10 min	6:12 PM	7:33 PM
AARSHIK ECE	2018ece0743@svce.ac.in	53 min	6:13 PM	7:06 PM
ARUN SUBBIAH ECE	2018ece0758@svce.ac.in	47 min	6:14 PM	7:04 PM
VINDHIYA ECE	2018ece0106@svce.ac.in	1 hr 17 min	6:14 PM	7:33 PM
HARSHITHAH ECE	2018ece0151@svce.ac.in	3 hr 24 min	6:18 PM	9:42 PM

BUVANESH ECE	2018ece0065@svce.ac.in	1 hr 2 min	6:23 PM	7:33 PM
FIONA ECE	2018ece0131@svce.ac.in	1 hr 3 min	6:30 PM	7:33 PM
VISHNUKUMAR ECE	2018ece0177@svce.ac.in	42 min	6:51 PM	7:33 PM



**SIGNATURE OF THE ORGANISER**



**SIGNATURE OF HOD/ECE**

**Workshop on Digital Image Processing Using MATLAB -07/04/2021**

<b>Name</b>	<b>Email</b>	<b>Duration</b>	<b>Time joined</b>	<b>Time exited</b>
MENAKA D ECE	menaka@svce.ac.in	1 hr 51 min	5:42 PM	7:42 PM
Anju ECE	anju@svce.ac.in	1 hr 44 min	5:49 PM	7:42 PM
RESHMI JAYARAJAN ECE	2018ece0124@svce.ac.in	1 hr 42 min	5:57 PM	7:39 PM
TAMIL SELVAN ECE	2018ece0744@svce.ac.in	1 hr 41 min	5:58 PM	7:39 PM
SUBHA PRIYA ECE	2018ece0346@svce.ac.in	1 hr 38 min	5:58 PM	7:39 PM
SHALINI ECE	2018ece0303@svce.ac.in	1 hr 40 min	5:59 PM	7:39 PM
YOGESH ECE	2018ece0228@svce.ac.in	1 hr 41 min	5:59 PM	7:40 PM
SUDHARSANA ECE	2018ece0875@svce.ac.in	1 hr 40 min	6:00 PM	7:39 PM
DEEPIKA ECE	2018ece0149@svce.ac.in	1 hr 40 min	6:00 PM	7:40 PM
JERUSHA ECE	2018ece0123@svce.ac.in	1 hr 39 min	6:00 PM	7:39 PM
HARI KHESHAV ECE	2018ece0698@svce.ac.in	1 hr 39 min	6:00 PM	7:39 PM
SRI VIDHYA K ECE	srivi@svce.ac.in	1 hr 41 min	6:00 PM	7:42 PM
ISHWARYA ECE	2018ece0099@svce.ac.in	1 hr 39 min	6:00 PM	7:39 PM
VISHWESH ECE	2018ece0752@svce.ac.in	1 hr 36 min	6:01 PM	7:39 PM
POOJA R EC	2018ec0965@svce.ac.in	1 hr 39 min	6:01 PM	7:39 PM
ASHWIN KUMAR ECE	2018ece0735@svce.ac.in	1 hr 39 min	6:01 PM	7:39 PM
THIVYA ECE	2018ece0413@svce.ac.in	1 hr 38 min	6:01 PM	7:39 PM
VISHNUKUMAR ECE	2018ece0177@svce.ac.in	1 hr 38 min	6:01 PM	7:39 PM
ABINAYA ECE	2018ece0097@svce.ac.in	1 hr 38 min	6:01 PM	7:39 PM
KAVITHA ECE	2018ece0846@svce.ac.in	1 hr 37 min	6:01 PM	7:39 PM
VIDHYA ECE	2018ece0096@svce.ac.in	1 hr 38 min	6:01 PM	7:39 PM
SWETHA S 133 ECE	2018ece0110@svce.ac.in	1 hr 38 min	6:02 PM	7:39 PM
SIDDHARTH ECE	2018ece0695@svce.ac.in	1 hr 37 min	6:02 PM	7:39 PM
BHARATHKUMAR ECE	2018ece0841@svce.ac.in	1 hr 38 min	6:02 PM	7:40 PM
SATHYA ECE	2018ece0172@svce.ac.in	1 hr 37 min	6:02 PM	7:39 PM
FIONA ECE	2018ece0131@svce.ac.in	1 hr 34 min	6:03 PM	7:39 PM
BALAJI S ECE	2018ece0189@svce.ac.in	1 hr 35 min	6:03 PM	7:39 PM
KALYANI S ECE	kalyani@svce.ac.in	1 hr 38 min	6:03 PM	7:42 PM
SRIMATHI ECE	2018ece0154@svce.ac.in	1 hr 31 min	6:03 PM	7:39 PM
SUWETHA ECE	2018ece0114@svce.ac.in	1 hr 36 min	6:03 PM	7:39 PM
JANANI ECE	2018ece0072@svce.ac.in	1 hr 36 min	6:04 PM	7:39 PM
SUSHMITHA ECE	2018ece0058@svce.ac.in	1 hr 35 min	6:04 PM	7:39 PM
VISHNUVARADHAN ECE	2018ece0126@svce.ac.in	1 hr 35 min	6:04 PM	7:39 PM
VINDHIYA ECE	2018ece0106@svce.ac.in	1 hr 34 min	6:06 PM	7:39 PM
KEERTHANA G ECE	2018ece0704@svce.ac.in	1 hr 25 min	6:06 PM	7:39 PM
DEEPAK SHIVAVEL ECE	2018ece0684@svce.ac.in	22 min	6:06 PM	6:52 PM
ABIRAMI ECE	2018ece0681@svce.ac.in	1 hr 32 min	6:07 PM	7:39 PM
SUDHARSAN ECE	2018ece0713@svce.ac.in	1 hr 32 min	6:08 PM	7:39 PM
BOOMICA ECE	2018ece0109@svce.ac.in	1 hr 32 min	6:08 PM	7:40 PM
KAMALAKANNAN ECE	2018ece0129@svce.ac.in	1 hr 31 min	6:08 PM	7:39 PM
HARSHITHAH ECE	2018ece0151@svce.ac.in	1 hr 29 min	6:10 PM	7:39 PM

ADITYA ECE	2018ece0746@svce.ac.in	1 hr 28 min	6:12 PM	7:39 PM
SESHADRI ECE	2018ece0589@svce.ac.in	1 hr 27 min	6:12 PM	7:39 PM
VISHNUSAI ECE	2018ece0674@svce.ac.in	1 hr 19 min	6:20 PM	7:39 PM
YUKESH ADITIYA ECE	2018ece0696@svce.ac.in	1 hr 15 min	6:24 PM	7:39 PM
DEEPAK KUMAR ECE	2018ece0504@svce.ac.in	24 min	6:42 PM	7:06 PM
BUVANESH ECE	2018ece0065@svce.ac.in	58 min	6:42 PM	7:39 PM
VARADARAJAN MK ECE	rajan@svce.ac.in	22 min	6:45 PM	7:26 PM

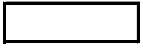


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**Workshop on Digital Image Processing Using MATLAB -09/04/2021**

<b>First name</b>	<b>Email</b>	<b>Duration</b>	<b>Time joined</b>	<b>Time exited</b>
ANIRUDDH AIYENG	2018ec0988@svce.ac.in	52 min	8:29 AM	9:21 AM
POOJA R	2018ec0965@svce.ac.in	43 min	8:36 AM	9:22 AM
SHAMEER.T	2018ec0970@svce.ac.in	51 min	8:31 AM	9:22 AM
AARSHIK	2018ece0743@svce.ac.in	39 min	8:41 AM	9:21 AM
ABINAYA	2018ece0097@svce.ac.in	51 min	8:29 AM	9:22 AM
ABIRAMI	2018ece0681@svce.ac.in	52 min	8:29 AM	9:21 AM
ADITYA	2018ece0746@svce.ac.in	49 min	8:32 AM	9:22 AM
Anju	anju@svce.ac.in	1 hr 12 min	8:11 AM	9:22 AM
ARUN SUBBIAH	2018ece0758@svce.ac.in	21 min	9:01 AM	9:22 AM
ASHWIN KUMAR	2018ece0735@svce.ac.in	51 min	8:29 AM	9:20 AM
BALAJI S	2018ece0189@svce.ac.in	46 min	8:35 AM	9:22 AM
BHARATHKUMAR	2018ece0841@svce.ac.in	30 min	8:52 AM	9:22 AM
BOOMICA	2018ece0109@svce.ac.in	47 min	8:34 AM	9:22 AM
BUVANESH	2018ece0065@svce.ac.in	40 min	8:41 AM	9:21 AM
DEEPAK KUMAR	2018ece0504@svce.ac.in	37 min	8:42 AM	9:19 AM
DEEPAK SHIVAVEL	2018ece0684@svce.ac.in	37 min	8:44 AM	9:22 AM
DEEPIKA	2018ece0149@svce.ac.in	53 min	8:29 AM	9:22 AM
DEVI PRIYA	2018ece0809@svce.ac.in	19 min	9:02 AM	9:21 AM
FIONA	2018ece0131@svce.ac.in	52 min	8:30 AM	9:22 AM
HARI KHESHAV	2018ece0698@svce.ac.in	54 min	8:28 AM	9:22 AM
HARSHITHAH	2018ece0151@svce.ac.in	48 min	8:33 AM	9:22 AM
ISHWARYA	2018ece0099@svce.ac.in	53 min	8:29 AM	9:22 AM
JANANI	2018ece0072@svce.ac.in	52 min	8:30 AM	9:22 AM
JERUSHA	2018ece0123@svce.ac.in	53 min	8:29 AM	9:22 AM
KAMALAKANNAN	2018ece0129@svce.ac.in	43 min	8:31 AM	9:20 AM
KAVITHA	2018ece0846@svce.ac.in	40 min	8:36 AM	9:22 AM
KEERTHANA G	2018ece0704@svce.ac.in	50 min	8:32 AM	9:22 AM
RESHMI JAYARAJAN	2018ece0124@svce.ac.in	52 min	8:29 AM	9:22 AM
SESHADRI	2018ece0589@svce.ac.in	40 min	8:41 AM	9:22 AM
SHALINI	2018ece0303@svce.ac.in	47 min	8:35 AM	9:22 AM
SRIMATHI	2018ece0154@svce.ac.in	52 min	8:30 AM	9:22 AM
SUBHA PRIYA	2018ece0346@svce.ac.in	51 min	8:31 AM	9:22 AM
SUDHARSAN	2018ece0713@svce.ac.in	32 min	8:50 AM	9:22 AM
SUSHMITHA	2018ece0058@svce.ac.in	50 min	8:32 AM	9:22 AM
SUWETHA	2018ece0114@svce.ac.in	52 min	8:30 AM	9:22 AM
TAMIL SELVAN	2018ece0744@svce.ac.in	53 min	8:28 AM	9:22 AM
THIVYA	2018ece0413@svce.ac.in	52 min	8:29 AM	9:22 AM
VIDHYA	2018ece0096@svce.ac.in	52 min	8:29 AM	9:22 AM
VINDHIYA	2018ece0106@svce.ac.in	48 min	8:34 AM	9:22 AM
VISHNUKUMAR	2018ece0177@svce.ac.in	52 min	8:30 AM	9:22 AM

VISHNUSAI	2018ece0674@svce.ac.in	49 min	8:33 AM	9:22 AM
VISHWESH	2018ece0752@svce.ac.in	48 min	8:28 AM	9:22 AM
YOGESH	2018ece0228@svce.ac.in	51 min	8:30 AM	9:22 AM
SWETHA	2018ece0110@svce.ac.in	45 min	8:35 AM	9:22 AM



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