

VILASRAO DESHMUKH FOUNDATION GROUP OF INSTITUTIONS, LATUR

Plot No.165A, Additional MIDC, Near to Manjara Sugar, Barshi Road, Latur, Maharashtra 413531



(Approved by AICTE, New Delhi & recognized by Govt. of Maharashtra and affiliated to DBATU Lonere, Dist. Raigad)

T (02382) 267731/32/33

Email-info.engg@vdf.in

Website: www.vdfengineering.co.in(DTE Code: 2254)

1. Report on Two-Day MATLAB Workshop for Electrical Engineering Students

"Two days Workshop on MATLAB" organized in our institute by Electrical Engineering department on 03/12/2022 to 04/12/2022. This session was taken for students to make them understand the importance of MATLAB. More than 48 students benefitted from it. This workshop conducted by Mr. J.G.Gupta member of Institute of Research & Skill Development Lab corporate office Sky it tower IT park pune 411002 Maharashtra.

This report provides an overview of a two-day MATLAB workshop conducted for electrical engineering students. The workshop aimed to enhance the participants' understanding and proficiency in MATLAB, a widely used programming language and tool for data analysis, visualization, and simulation in the field of electrical engineering.

Workshop Objectives: The workshop had the following key objectives:

Introduce participants to MATLAB and its applications in electrical engineering.

Provide hands-on experience with MATLAB tools, functions, and programming concepts.

Enable participants to apply MATLAB for electrical circuit analysis, signal processing, and control systems.

Familiarize participants with MATLAB's graphical user interface (GUI) and programming syntax.

Encourage collaborative learning and problem-solving through MATLAB-based exercises and projects.

Workshop Content and Activities: The workshop was structured into various sessions and activities spread across two days. The following is an outline of the workshop content:

Day 1: 03/12/2022

Introduction to MATLAB: Overview of MATLAB's capabilities, applications, and importance in electrical engineering.

MATLAB Environment: Familiarization with the MATLAB desktop, command window, editor, and help documentation.

MATLAB Syntax: Basics of MATLAB programming, including variables, operators, arrays, and control structures.

Data Manipulation: Working with matrices, vectors, and basic mathematical operations in MATLAB.

Plotting and Visualization: Utilizing MATLAB's plotting functions to visualize data and analyze electrical signals.



M. G. Gupta
Principal

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Day 2:04/12/2022

Electrical Circuit Analysis: Solving electrical circuit problems using MATLAB's circuit analysis tools and functions.

Signal Processing: Introduction to digital signal processing techniques, including filtering, Fourier analysis, and time-frequency analysis using MATLAB.

Control Systems: Using MATLAB's control system toolbox to analyze and design control systems for electrical engineering applications.

Simulink: Introduction to Simulink, MATLAB's graphical programming environment for system-level simulation and model-based design.

Project Work: Participants were assigned a small project to apply their MATLAB skills and solve a specific electrical engineering problem.

Hands-on Exercises and Projects: Throughout the workshop, participants were actively engaged in hands-on exercises and projects, allowing them to apply the concepts and techniques learned. The exercises involved writing MATLAB code, analyzing data, and visualizing results. Participants also collaborated in teams for the project work, which provided them an opportunity to work on a real-world problem using MATLAB.

Conclusion: The two-day MATLAB workshop for electrical engineering students proved to be a valuable learning experience. Participants gained a solid foundation in MATLAB programming and its applications in electrical engineering. The hands-on approach and project work allowed them to apply their knowledge to practical problems. The workshop successfully met its objectives of enhancing participants' understanding and proficiency in MATLAB, enabling them to utilize this powerful tool in their future academic and professional endeavors.



Vijay
Principal

**Vilasrao Deshmukh Foundation
Group of Institutions, Latur**
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to Manjara Sugar Barshi Road, Latur.

VILASRAO DESHMUKH FOUNDATION GROUP OF INSTITUTIONS, LATUR

Plot No. 128-C, Akhola Road MIDC, Near to Manjara Sagar, Haveli Road, Latur, Maharashtra 413024

(Approved by AICTE, New Delhi & recognized by Govt. of Maharashtra and affiliated to DVAU, Lonere, Dist. Raigad)

Phone: 02082126750/2203

Email: info@vgg.ac.in

Website: www.vggroupofinstitutions.edu.in (DTE Code: 2254)



Date: 24/11/2022

To,
The Principal,

Subject: To get permission of Computer laboratory for MATLAB Workshop.

Respected Sir,

Our Department is organizing 2 days workshop on MATLAB on date 03/12/2022 to 04/12/2022. We need 50 Personal computers for the workshop. So we kindly request you to accord the permission to use central computer laboratory of computer engineering department for workshop.

Sir I request you to give permission to our students to visit computer laboratory. We hope you will give us permission, and make students experience a memorable workshop.

With Regards,

*HOD comp
permit lab if available
for MATLAB workshop.
21/11/2022
26/11/2022*

H.O.D

Electrical Engineering Department

Scanned by CamScanner



Rajesh Ingale <rajeshingale35@gmail.com>

Fwd: workshop prerequisites & quotation

message

Electrical Engg <electrical.engg@vdi.in>
To: rajeshingale35@gmail.com

Sat, Nov 26, 2022 at 1:45 PM

----- Forwarded message -----
From: GIREESH JOOPUDI <gjoopudi@gmail.com>
Date: Sat, 26 Nov 2022, 1:29 pm
Subject: workshop prerequisites & quotation
To: <electrical.engg@vdi.in>

Greetings from **IRSDL_HYD (Institute of Research & Skill Development Ltd, Hyderabad)**

As per our discussion we are ready to take 2 days workshop (ie. from 03-12-2022 to 04-12-2022) in your campus with minimum amount 20000 INR to maximum of 500 per student whichever is highest and accommodation charges.
(If the number of students are above 45 no need to pay accommodation charges.

prerequisites

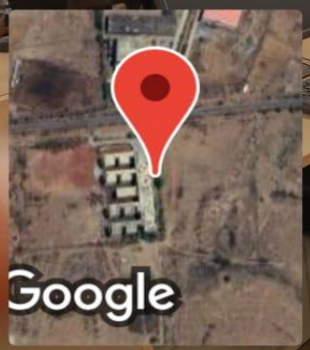
- 1. LAB with MATLAB software for every student.
- 2. mic and projector should be provided at the workshop lab.
- 3. Need one dedicated faculty support at workshop Lab.
- 4. provided afternoon lunch at college premises for optimal utilization of time.

J G Gupta
09700509433
sr. V&T. AB developer
Hyderabad 500060

Allowed
27/11/2022



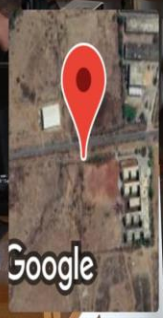
GPS Map Camera



Harangul Bk., Maharashtra, India
413531, Additional Latur MIDC, Harangul Bk.,
Maharashtra 413531, India
Lat 18.388383°
Long 76.476442°
03/12/22 10:42 AM GMT +05:30



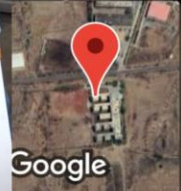
GPS Map Camera



Harangul Bk., Maharashtra, India
413531, Additional Latur MIDC, Harangul Bk.,
Maharashtra 413531, India
Lat 18.388801°
Long 76.474772°
03/12/22 10:30 AM GMT +05:30



GPS Map Camera



Harangul Bk., Maharashtra, India
413531, Additional Latur MIDC, Harangul
Bk., Maharashtra 413531, India
Lat 18.38862°
Long 76.475844°
03/12/22 10:30 AM GMT +05:30



Vilasrao Deshmukh Foundation

CERTIFICATE OF PARTICIPATION



This is to certify that the Mr. /Ms.

Bhutekar. Rushikesh Shahu.....

participated in the Two Days workshop on "ADVANCED DESIGN PROCEDURE FOR POWER ELECTRONICS DEVICES IN MATLAB SIMULINK" From 03-12-2022 to 04-12-2022 at VILASRAO DESHMUKH FOUNDATION GROUP OF INSTITUTIONS, LATUR. During their tenure with us, He /She is shown good logical and analytical skills and his/her conduct was found good.

Authorized Signatory



Head Of The Department

Rajale

M Ganap
Principal



Vilasrao Deshmukh Foundation

CERTIFICATE OF PARTICIPATION



This is to certify that the Mr. /Ms.

Patil. Vaibhav Pandurang.....

participated in the Two Days workshop on "ADVANCED DESIGN PROCEDURE FOR POWER ELECTRONICS DEVICES IN MATLAB SIMULINK" From 03-12-2022 to 04-12-2022 at VILASRAO DESHMUKH FOUNDATION GROUP OF INSTITUTIONS, LATUR. During their tenure with us, He /She is shown good logical and analytical skills and his/her conduct was found good.

Authorized Signatory



Head Of The Department

Rajale

M Ganap
Principal



MATLAB WORKSHOP A.Y.2022-23
TE ELECTRICAL ENGG

DATE : 03-12-2022, MORNING SESSION & Evening Session

SR No.	NAME OF STUDENTS	SIGNATURE
✓1	VIBHUTE TUKARAM MAHADEV	
✓2	PATIL VAIBHAV PANDURANG	
✓3	KARKHELE AJAR HAMID	
✓4	SHAIKH HAMIDHASAN DAGDUMIYA	
✓5	PATEL MUJJAMIL YUNUS	
✓6	GIRI BALAJI RAMAKANT	
✓7	KAMBLE SURAJ MAROTI	
✓8	BAGWAN SOHEL AJAJ AHMAD	
✓9	DABHADE SHILPA PANDURANG	
✓10	KAMBLE NIKITA UDHAVRAO	
✓11	KAMBLE SHUBHANGI ANKUSH	
✓12	KADAM AMIT UDDHAV	
✓13	BULBULE ABHIJIT DAYANAND	
X 14	INGALE VISHNU WALMIK	AA
✓15	BHUTEKAR RUSHIKESH SHAHU	
✓16	CHAUGULE GANESH SHANKAR	
✓17	PAWAR ROHIT BALASAHEB	
✓18	BIRADAR ABULAIS ABDUL MAJID	
✓19	DEVKATTE RUSHIKESH GOPAL	
✓20	LOHAR ADITYA BALAJI	
✓21	MANE SAKSHI RAJENDRA	
✓22	AITANBONE PRITI NETAJI	

MATLAB WORKSHOP A.Y.2022-23
BE ELECTRICAL ENGG

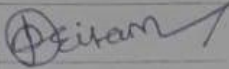
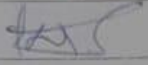
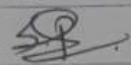
DATE : 03-12-2022, MORNING SESSION & Evening Session.

SR No.	NAME OF STUDENTS	SIGNATURE
✓1	PARVEJ RAJJAK MAJKORI	<i>Parvez</i>
✓2	SHAIKH MUSKAN MAHEBOOB	<i>Muskan</i>
✓3	KAMBLE MITALI MILIND	<i>Mitali</i>
✓4	NAKHATE NAVNATH SHRIKRISHNA	<i>Nakhate</i>
✓5	KASAR HASAN MAGDUM	<i>Hasan Kasar</i>
✓6	GHODAKE AKASH VASANT	<i>Akash</i>
✓7	SAYYAD JAYAD LAYAK	<i>Jayad</i>
✓8	DESHMUKH SUDARSHAN DHANRAJ	<i>Sudh</i>
✓9	AGARKAR PAVANKUMAR RAJENDRA *	<i>Pavankumar</i>
✓10	BHOSALE VAIBHAV RAMRAO *	<i>Vaibhav</i>
✓11	VAIRAGE RUPALI DADARAO *	<i>Rupali</i>
✓12	RATHOD NISHA DEEPAK	<i>Nisha Rathod</i>
✓13	KSHIRSAGAR RENUKA GURUNATH	<i>Renuka</i>
✓14	SAVANT SUKANYA MADHAV	<i>Sukanya</i>
✓15	JADHAVAR ABHISHEK DILIP	<i>Abhishek</i>
✓16	MORE OMKAR PAPIT.	<i>Omkar</i>
✓17	SHAIKH IRFAN YUSUF	<i>Irfan</i>
✓18	CHAVAN SHRIKANT NITIN	<i>Shrikant</i>
✓19	DONGARGAVE VIKAS RAJKUMAR	<i>Vikas</i>

MATLAB WORKSHOP A.Y.2022-23
TE - ELECTRONICS AND TELECOMMUNICATION

DATE : 03-12-2022,

MORNING SESSION

SR No.	NAME OF STUDENTS	SIGNATURE
✓1	DANDE PRITAM ARJUN	
✓2	NAGPURNE NIKHIL SUDHAKAR	— AA —
✓3	SAGAVE KRISHNA MADHAVRAO ✕	
✓4	DEVDE SHAILESH BALASAHEB	Shailesh . D
✓5	KHARPADE ANKITA ASHOKRAO	Ankita
✓6	SHINDE PRATHMESH SATAPPA	
✓7	PATIL PRANITA RAJKUMAR	Pranita P

MATLAB WORKSHOP A.Y.2022-23
SE ELECTRICAL ENGG
DATE : 03-12-2022, MORNING SESSION

SR NO.	NAME OF STUDENTS	SIGNATURE
1	WAGHAMARE AJAY KASHINATH	Ajay
2	GAVHALE ROHAN VYANKAT	Gavhale

MATLAB WORKSHOP A.Y.2022-23
SE ELECTRICAL ENGG
DATE : 03-12-2022, EVENING SESSION

SR NO.	NAME OF STUDENTS	SIGNATURE
1	WAGHAMARE AJAY KASHINATH	Ajay
2	GAVHALE ROHAN VYANKAT	Gavhale

E&TC

Date : 03/12/2022 Morning session & Evening Session

SR.NO.	Name of students.	Signature.
1	Khadpade Aniket Ashokrao	Aniket
2	Patil Pranita Rajkumar	Patil.P
3	Prathmesh Satappa Shinde	SP
4	Shailesh Balasaheb Devde	Shailesh.D
5	Keishna Madhavrao Sagave	KS
6	Potam Arjun Dande	Potam
7		

MATLAB WORKSHOP A.Y.2022-23
SE ELECTRICAL ENGG
DATE : 04-12-2022, MORNING SESSION

SR NO.	NAME OF STUDENTS	SIGNATURE
1	WAGHAMARE AJAY KASHINATH	Ajay
2	GAVHALE ROHAN VYANKAT	Rohane

MATLAB WORKSHOP A.Y.2022-23
SE ELECTRICAL ENGG
DATE : 04-12-2022, EVENING SESSION

SR NO.	NAME OF STUDENTS	SIGNATURE
1	WAGHAMARE AJAY KASHINATH	Ajay
2	GAVHALE ROHAN VYANKAT	Rohane

4/12/2022 - MIATLAB - Attendance

So. No.	Name of student	year	Sign
1)	kshiesagae Renuka G	BE	<u>Renuka</u>
2)	Nakhate Navnath. S.	BE	<u>Nakhate</u>
3)	Parvez Mazkoop R	BE	<u>Parvez</u>
4)	Hasan Kasar M.	BE	<u>Hasan</u>
5)	Ethadke Akash. V	B.E	<u>Akash</u>
6)	Agarkar Pavan Kumar R.	BE.	<u>Agarkar</u>
7)	Chavan Shri Kant Nitin	BE	<u>Chavan</u>
8)	Dorgangave Vipas R	B.E	<u>Dorgangave</u>
9)	Slaitik Jitan Y.	BE	<u>Slaitik</u>
10)	Jadhav Abhishek D.	BE	<u>Jadhav</u>
11)	Chougule Ganesha	TE	<u>Chougule</u>
12)	Biradar Abulais	TE	<u>Biradar</u>
13)	Balburde Abhijeet D	T.E	<u>Balburde</u>
14)	Devkotte Rushikesh	T.E	<u>Rushikesh</u>
15)	Amit Kadam	T.E	<u>Amit</u>
16)	Bhutekar Rushikesh	T.E	<u>Bhutekar</u>
17)	Power Rohit	T.E	<u>Power</u>
18)	Sayyad Jayad L.	B.E	<u>Sayyad</u>
19)	Bhosle Vaibhav Ramrao	B.E.	<u>Bhosle</u>
20)	Sadarshan Chharray Deshmukh	BE.	<u>Sadarshan</u>
21)	Kambe Suraj	TE	<u>Kambe</u>
22)	Patey Mujjami	TE	<u>Patey</u>
23)	Padi Vaibhav	TE	<u>Padi</u>

My Transaction Entries

Transaction Entries

Reference Entry ID	Payment Date / Transaction Type	Invoice Reference	Beneficiary Name / Type	Entry Amount / Entry Status
17447428	05/12/2022 NFT payment	VDF SCHOOL OF ENGINEERING & TECHNOLOGY	VED COMMERCIAL BANK One Time	INR 221,930.20 Success
17447429	05/12/2022 NFT payment	VDF SCHOOL OF ENGINEERING & TECHNOLOGY	VED COMMERCIAL BANK One Time	INR 685,352.00 Success
17447430	05/12/2022 NFT payment	VDF SCHOOL OF ENGINEERING & TECHNOLOGY	VED COMMERCIAL BANK One Time	INR 1,200,000.00 Success
17447431	05/12/2022 NFT payment	VDF SCHOOL OF ENGINEERING & TECHNOLOGY	VED COMMERCIAL BANK One Time	INR 6,124,500.00 Success
17447432	05/12/2022 NFT payment	VDF SCHOOL OF ENGINEERING & TECHNOLOGY	VED COMMERCIAL BANK One Time	INR 10,000.00 Success
17447433	05/12/2022 NFT payment	VDF SCHOOL OF ENGINEERING & TECHNOLOGY	VED COMMERCIAL BANK One Time	INR 4,447,500.00 Success

View Transaction Details X

General Transaction Details

Beneficiary Type: Personal Payee

Amount: INR 25,000.00

Payment Date: 05/12/2022

(6PM/5:59)

Remarks: Mallikarjun shop payment

Reference ID: 73628552

Transaction Status: Success

Invoice: NFT

To Account ID: BAHUBHUBI DEBIT CARD

Payment Type: One Time

From Account: VDF SCHOOL OF ENGINEERING & TECHNOLOGY

Transaction Type: Mto MFT Payment

LTR Number: 1205719653959