Internship Report

SSESA's, Science College, Congress Nagar, Nagpur
Department of Mathematics
2023-24

NOTICE

All the students of M. Sc. (Mathematics) Semester – II are hereby informed that, they should join

for internship for the project of **On Job Training (OJT)** required attendance of 120 Hours as per

the NEP Scheme.

Head
Department of Mathematics

Dr. Kalpana N. Pawar
Prof & Head Department of Mathematics
Shivaji Science College, Nagpur

Action Taken Report

- Allotted Research Projects to the students of M.Sc. Sem-II as per NEP Syllabus on the MATLAB Programming.

- M. Sc. Sem-II Students completed their On Job Training in the given duration and submitted their certificates and reports in the department.

- Due to this on Job this On Job Training students learnt about the MATLAB Programming in various aspects and developed the new skill, which will definitely help in achieving their goals.

Dr. Kalpana N. Pawar
Prof & Head Department of Mathematics
Shivaji Science College, Nagpur

V. S. Informatics Private Limited

M.Sc. I (On Job Tranning)

Attendance Sheet (Session 2023-24)

S.N	Contact No.	Name of Students	1	2	3	5	6	7	8	9	10	11	12	13	14	15
1		Dnyaneshwari Bisen	P	P	A	P	A	P	P	P	P	P	P	P	T	P
2		Himanshu Badwaik	A	A	P	P	P	P	P	P	P	P	P	P	P	P
3		Khushi Yadav	P	P	A	P	P	P	P	P	P	P	P	P	P	P
4		Mangesh Shingne	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5		Poonam Kulmethe	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6		Prerana Gharde	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7		Roshan Khandare	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8		Sangita Chaudhari	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9		Shradha Bhonde	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10		Vaishnavi Barde	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Sandeep Sonaskar
Director

Dr. Kalpana N. Pawar
Prof & Head Department of Mathematics
Shivaji Science College, Nagpur
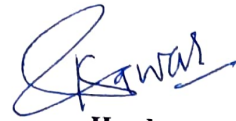
SSESA's, Science College, Cong-+0ress Nagar, Nagpur

Department of Mathematics Apprenticeship

Project List (OJT)

Project List

M.Sc. Semester-II (2023-24)

| Sr. No.	Name of Students	Name of Topics	Co-Guide	Guide
1.	Ku. Dnyaneshwari K Bisen	Matlab Programming	Sandeep Sonaskar	Dr. V. T. Chauhan
2.	Himanshu P. Badwaik	Matlab Programming	Sandeep Sonaskar	Dr. V. T. Chauhan
3.	Ku. Khushi R. Yadav	Matlab Programming	Sandeep Sonaskar	Dr. V. T. Chauhan
4.	Mangesh Shingane	Matlab Programming	Sandeep Sonaskar	Dr. V. T. Chauhan
5.	Ku. Poonam S. Kulmethe	Matlab Programming	Sandeep Sonaskar	Dr. V. T. Chauhan
6.	Ku. Prerana W. Gharde	Matlab Programming	Sandeep Sonaskar	Dr. V. T. Chauhan
7.	Roshan Namdev khandare	Matlab Programming	Sandeep Sonaskar	Dr. V. T. Chauhan
8.	Ku. Sangita R. Chaudhari	Matlab Programming	Sandeep Sonaskar	Dr. V. T. Chauhan
9.	Ku. Shradha R. Bhonde	Matlab Programming	Sandeep Sonaskar	Dr. V. T. Chauhan
10.	Ku. Vaishanavi D. Barade	Matlab Programming	Sandeep Sonaskar	Dr. V. T. Chauhan

Head
**Department of Mathematics**
Dr. Kalpana N. Pawar
Prof & Head Department of Mathematics
Shivaji Science College, Nagpur

A calculator to perform basic calculation arithmetic operations by using MATLAB GUI

click on the blank app
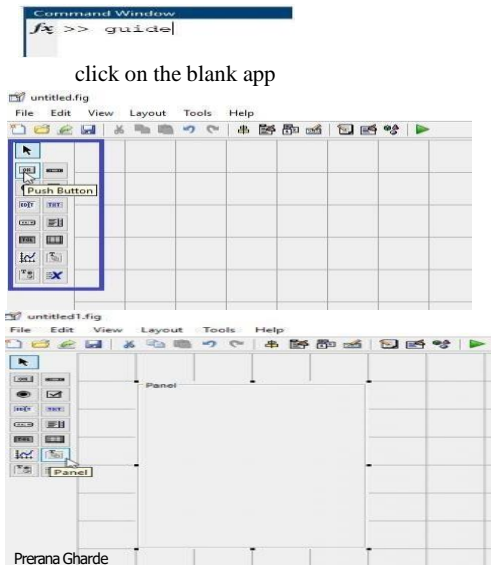
- Click on the properties inspector
- Go to properties of the panel
- In the title give input
- leave it by blank if you don't want
- Increase/ Change the length and font size
- Change the background colour and font color
- Choose another panel in which four kinds of operation will be performed which are addition, subtraction, multiplication, and division
- Change the name of the panel to operation
- Insert output panel and repeat the same process
- Use a toggle button, click it and place it in the operation section
- Now give the title to the button
- Give it "+" by renaming the string to + and now in the tag section write add
- Copy this toggle button for another operation like subtraction, multiplication, and division
- Add the title name for which we will select the static text and give the title simple calculator.

8
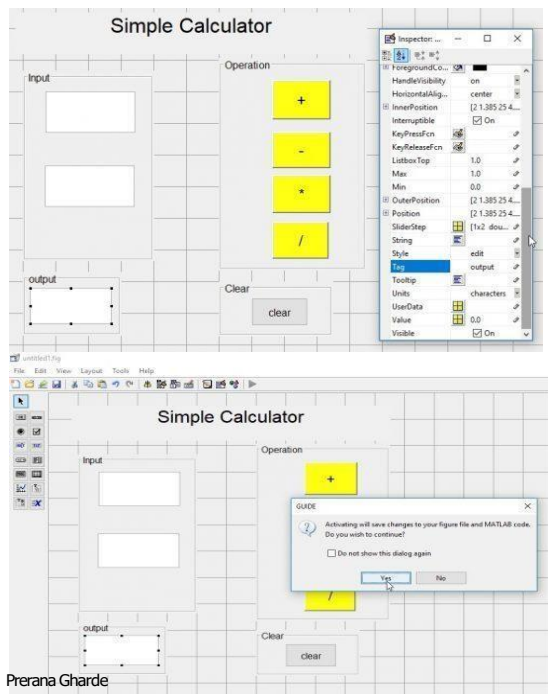
- To edit text & to insert it, select the edit field text and insert it in the input panel and in the tag write in1
- Similarly, add another text field for another input and in the tag give name in2
- Add one more panel for clear purpose then we can add toggle button and give it title as clear.
- To add on output for which insert the text field and in the tag write the output
- The string should be blank space please keep in mind
- Now you can drag and drop anything, decrease the length also but once you run this you cannot change anything this window will disappear only.
- When we will click on the run button it will ask to save the file
- click on yes and save the GUI.
- The calculator section will appear and it will generate the code automatically generated in editor window

9

Creating Channels on THINKSPEAK

Real time data of the system recorded by the graph on thingspeak
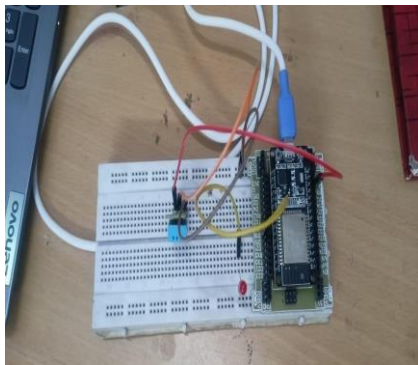
Students attending the OJT

v s informatics
PRIVATE LIMITED

Certificate of OJT

This certificate goes to

Roshan Khandare

in appreciation of your sucessful completion of

On Job Training on "MATLAB"

from 15 Feb 2024 to 05 March 2024

Sandeep Sonaskar
Director

EasyEDA

UDYAM-MH-20-0109097

Cert Num: VSI2024/02/340

OJT Feed Back Form

Mathematcs

vidya.chauhan@sscnagpur.ac.in Switch account

✉ Not shared

* Indicates required question

Emal Id *

Your answer

Name of Student *

Your answer

Class *   0 points

Your answer

4. Contact number *

Your answer

5. How would you rate the effectiveness of the onboarding process? *

	1	2	3	4	5	
Not	○	○	○	○	○	Very Much

6. Did you feel adequately trained and prepared for your tasks? *

	1	2	3	4	5	
Not	○	○	○	○	○	Very Much

7. How would you describe the working environment and company culture? *

	1	2	3	4	5	
Not	○	○	○	○	○	Very Much

8. Were your tasks and responsibilities clear and well-defined? *

	1	2	3	4	5	
Not	○	○	○	○	○	Very Much

9. How relevant were the skills to your career goals? *

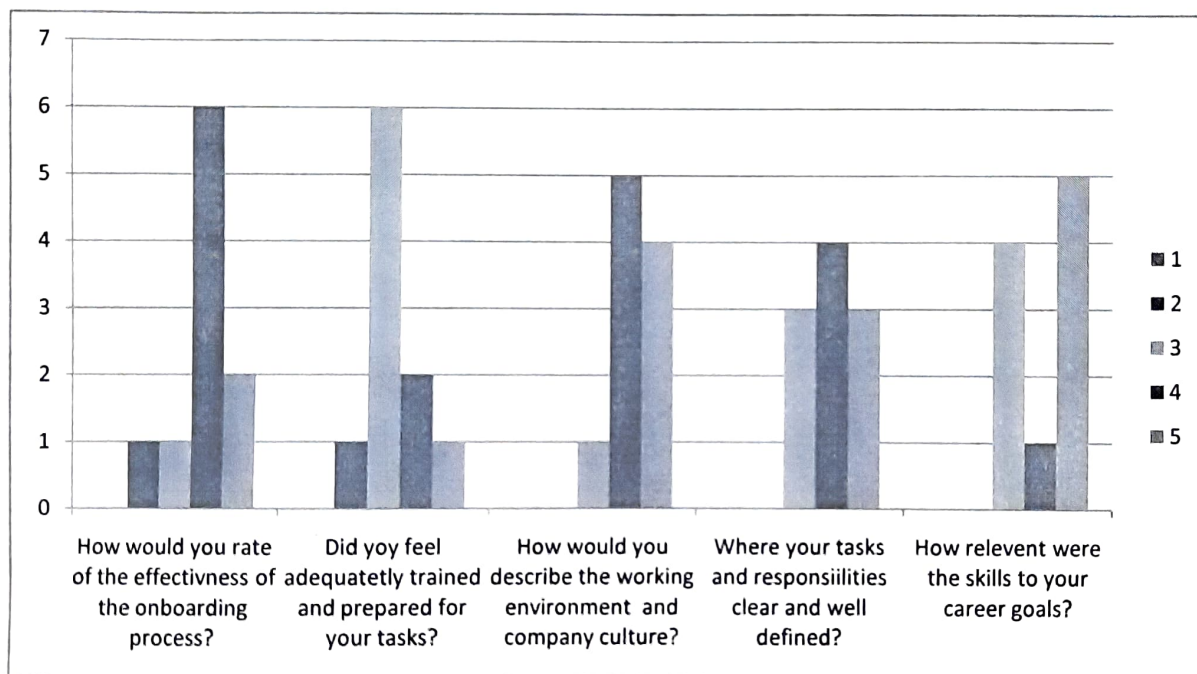|	1	2	3	4	5	
Not	○	○	○	○	○	Very Much

10. Overall Feedback *

Your answer

10. Overall Feedback   10 responses

Good
Good
The training was good
Free of Bias
No Bias
Good G
Good knowledge is enhanced

Dr. Kalpana N. Pawar
Prof & Head Department of Mathematics
Shivaji Science College, Nagpur

IQAC coordinator
Internal Quality Assurance Cell
(IQAC)
S. S. E. S. A. Science College,
Congress Nagar, Nagpur.

Principal
S. S. E. S. Amravati's
Science College, Nagpur.

I n-charge   **IQAC Coordinator**   **Principal**