

## SCHOOL OF ELECTRICAL ENGINEERING

Value Added Courses (2021 -2022)

### Course on Enhance Your Skills with MATLAB Training

#### Course Objective

MATLAB is a high-performance language for technical computing. It integrates computation, visualization, and programming environment. Furthermore, MATLAB is a modern programming language environment, it has sophisticated data structures, contains built-in editing and debugging tools, and supports object-oriented programming. These factors make MATLAB an excellent tool for teaching and research. MATLAB has many advantages compared to conventional computer languages (e.g., C, FORTRAN) for solving technical problems. MATLAB is an interactive system whose basic data element is an array that does not require dimensioning. The software package has been commercially available since 1984 and is now considered as a standard tool at most universities and industries worldwide.

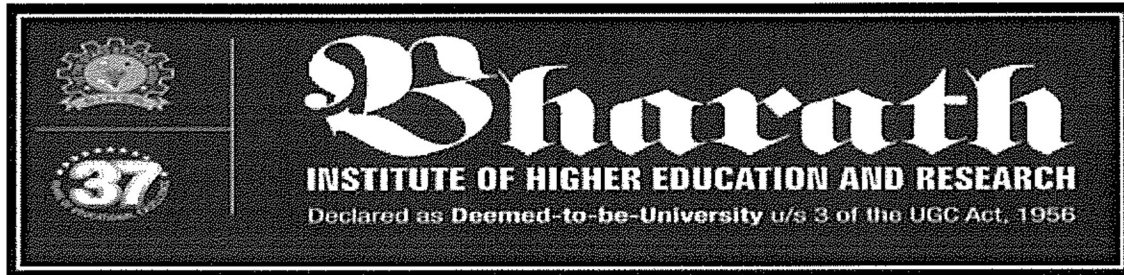
#### **Resource Persons :**

1. Ms. M. Jasmin
2. Ms. Beulah Hemalatha
3. Ms. S. Philomina

Convener

(Dr. M. Sundararajan)

HOD/ECE



**CIRCULAR**

**SCHOOL OF ELECTRICAL ENGINEERING**

**Date: 12.04.2022**

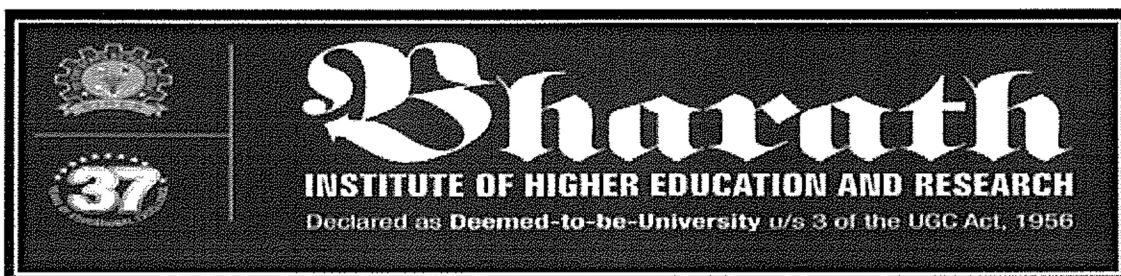
The course on **Course on Enhance Your Skills with MATLAB Training** is planned by School of Electrical Engineering which commences on 12-05-2022. In this regard the students are requested to give their willingness to Course Coordinator. It is instructed to actively participate and get benefitted for the certified course.

**Course Coordinator: G.Kanagavalli**  
**Contact No: 9551485989**  
**Email id : kanagavalli.ece@bharathuniv.ac.in**

  
**(Dr.M.Sundararajan)**

**HOD/ECE**

To,  
Copy to ECE Department,  
Copy to EEE Department,  
Department Notice Board



**SCHOOL OF ELECTRICAL ENGINEERING**

**Course on Enhance Your Skills with MATLAB Training**

**SCHEDULE**

**Contact Hours : 31hrs**

<b>DATE</b>	<b>SESSION</b>	<b>Contact Hours</b>	<b>TOPICS</b>	<b>Resource person</b>
12-05-2022	FN	9.00 am to 12.30 pm	Introduction to MATLAB Software MATLAB window Command window Workspace Command history Setting directory Working with the MATLAB user interface	Ms. BeulahHemalatha
	AN	1.30 pm to 4 pm	Character and string Arrays and vectors Column vectors Row vectors	Ms.S.Philomina
15-05-2022	FN	9.00 am to 12.30 pm	BODMAS Rules Arithmetic operations Operators and special characters Mathematical and logical operators Solving arithmetic equations	Ms. BeulahHemalatha
	AN	1.30 pm to 4 pm	Crating rows and columns Matrix Matrix operations Finding transpose, determinant and inverse Solving matrix	Ms.M.Jasmin
16-05-2022	FN	9.00 am to 12.30 pm	Trigonometric functions Complex numbers fractions Real numbers Complex numbers	Ms.S.Philomina
	AN	1.30 pm to 4 pm	Working with script tools Writing Script file	Ms.M.Jasmin

			<p>Executing script files The MATLAB Editor Saving m files</p>	
17-05-2022	FN	9.00 am to 12.30 pm	<p>Plotting vector and matrix data Plot labelling, curve labelling and editing</p>	Ms. BeulahHemalatha
	AN	1.30 pm to 4 pm	<p>Basic Plotting Functions Creating a Plot Plotting Multiple Data Sets in One Graph Specifying Line Styles and Colors Graphing Imaginary and Complex Data Figure Windows Displaying Multiple Plots in One Figure</p>	Ms.S.Philomina
18-05-2022	FN	9.00 am to 12.30 pm	<p>Creating Mesh and Surface About Mesh and Surface Visualizing Subplots</p>	Ms.M.Jasmin
	AN	1.30 pm to 5 pm	<p>Introduction Of Simulink Simulink Environment &amp; Interface Study of Library Circuit Oriented Design Equation Oriented Design</p>	Ms.S.Philomina

**VALUE ADDED COURSE**

**SCHOOL OF ELECTRICAL ENGINEERING**

**Course on Enhance Your Skills with MATLAB Training**


**List Of Participants**

**Date:12.05.2022**

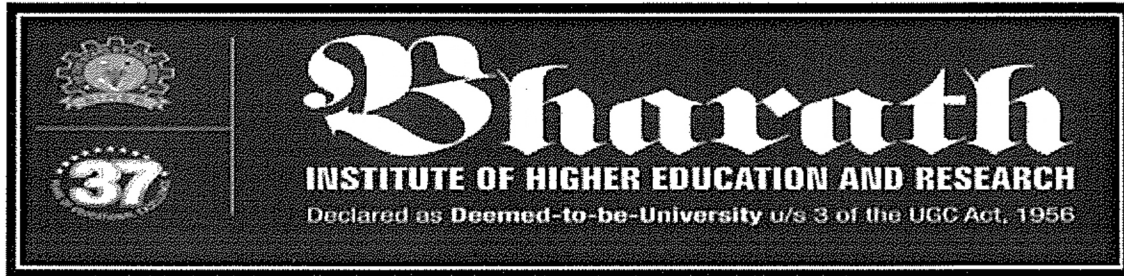
Sl.no	REG.NO	NAME OF THE CANDIDATE
1	U12EC001	ABHISHEK KUMAR
2	U12EC002	AMARAVATHI S
3	U12EC003	AMIT KUMAR
4	U12EC004	ANKUR PANDEY
5	U12EC005	ARSHIYA MIZBA
6	U12EC006	AVANI RANJAN
7	U12EC008	BLESSNI VASANTHA N S
8	U12EC009	BODDU KOUSIK REDDY
9	U12EC010	CHANDESHWAR KUMAR
10	U12EC011	CHINNA ANKANNAGARI ARUNA
11	U12EC012	DHAMODARAN N
12	U12EC013	DHINESHKUMAR N
13	U12EC014	DINESH KUMAR P
14	U12EC015	GHATTAMANENI LEKHA
15	U12EC016	GUNTAKA CHENNA REDDY
16	U12EC017	JANAKI RAMAN S
17	U12EC018	JEBIN SAM B

18	U12EC019	JOTHI KRISHNAN R
19	U12EC021	KUMAR GAURAV
20	U12EC022	KUMARI AYAGAT
21	U12EC023	KUMBAKONAM KARTHIK
22	U12EC024	KURAPATI SRIHARIREDDY
23	U12EC025	M NAVEENKUMAR GOUD
24	U12EC026	MAHAKASH BOSE
25	U12EC028	MANIRATNAM KUMAR
26	U12EC029	MANJIT RAY CHOWDHURY
27	U12EC030	MOHAMED KASIM N
28	U12EC031	MONISHA M
29	U12EC032	NAMRTA KUMARI
30	U12EC033	PETETI DINESH
31	U12EC034	PETETI SRI TEJA
32	U12EC039	RANJITHKUMAR M
33	U12EC040	RAVINDRA KUMAR RAUSHAN
34	U12EC041	RODDA HEMANTH KUMAR
35	U12EC042	SAIRAGHUL M
36	U12EC043	SANDEEP KUMAR SINGH
37	U12EC044	SANDIP SINGH
38	U12EC045	SAROJ KUMAR
39	U12EC046	SATISH KUMAR K
40	U12EC047	SHANMUGAM S
41	U12EC048	SIVA SHANKARI B

42	U12EC049	SOLOMON RAJA K
43	U12EC054	SUBHADEEP MAZUMDER
44	U12EC055	SUBIN D
45	U12EC056	SUGANDHAN S
46	U12EC057	SUMAN KUMAR SINGH
47	U12EC058	SUPRIYA KUMARI
48	U12EE069	VADIVEL C
49	U12EE070	VINOTH SELVA KUMAR C
50	U12EE071	VISHNU SURESH

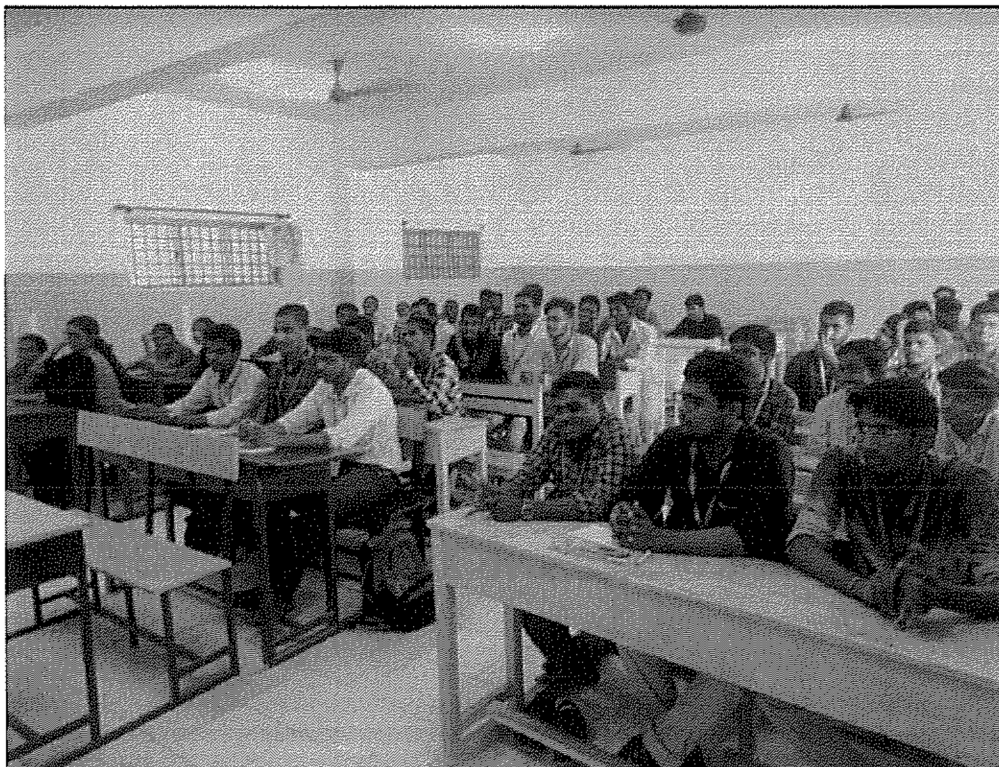
  
(Dr.M.Sundararajan)

**HOD/ECE**

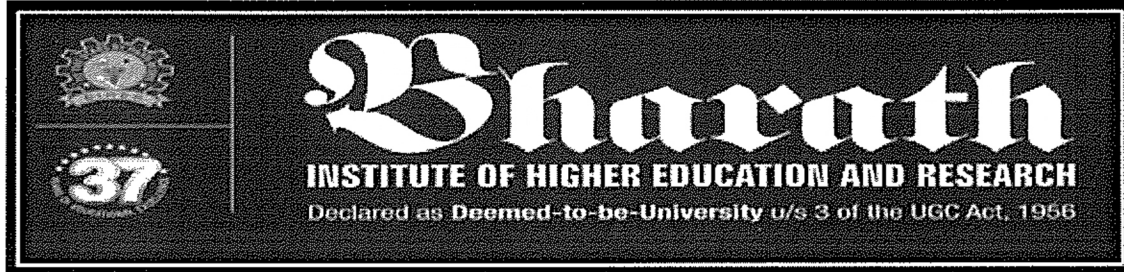


### SCHOOL OF ELECTRICAL ENGINEERING

Course on Course on Enhance Your Skills with MATLAB Training dated on 12.05.2022  
conducted by School of Electrical Engineering







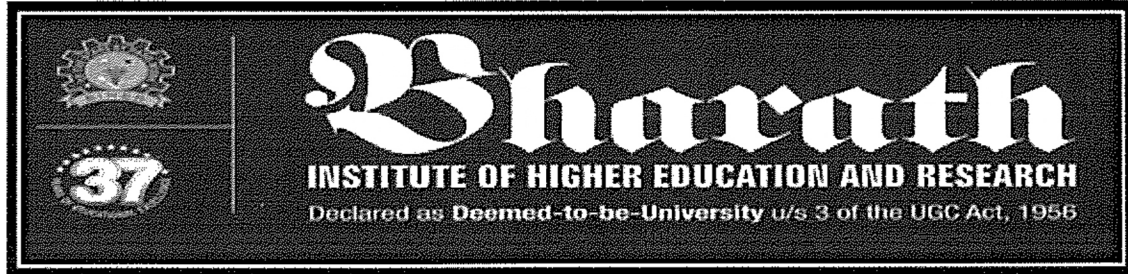
**SCHOOL OF ELECTRICAL ENGINEERING**

**VALUE ADDED COURSE**

**Course on Enhance Your Skills with MATLAB Training**

FEED BACK FORM		Date: 18.05.2022			
Name	U12EC013 / DHINESHKUMAR N				
Register number	U12EC013				
Phonenummer					
Email address					
	Poor	Fair	Good	Very Good	Excellent
Overall Program					✓
TheSpeaker				✓	
Audio, Visual Aids Technology used			✓		
Presentation hand outs				✓	

  
 Student Signature

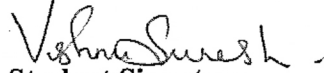


**SCHOOL OF ELECTRICAL ENGINEERING**

**VALUE ADDED COURSE**

**Course on Enhance Your Skills with MATLAB Training**

FEED BACK FORM		Date: 18.05.2022			
Name	Vishnu Suresh .				
Register number	U12EE071				
Phonenumber					
Email address					
	Poor	Fair	Good	Very Good	Excellent
Overall Program				✓	
TheSpeaker					✓
Audio, Visual Aids Technology used			✓		
Presentation hand outs				✓	

  
 Student Signature

## Course Feedback form

Course Title: *Entrepreneurship Bio-technology Startups*

Name: *Ramya*

RegNo: *P16BA005*

Department: *MBA*

S.No	Particulars	1	2	3	4	5
(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very Satisfied)						
1.	objectives of the course clear to you				/	
2.	The course contents met with your expectations				/	
3.	The lecture sequence was well planned				/	
4.	The lectures were clear and easy to understand				/	
5.	The teaching aids were effective					/
6.	The instructors encourage interaction and were helpful				/	
7.	The level of the course				/	
(1. Very poor 2. Poor 3. Average 4. Good 5. Excellent)						
8.	Overall rating of the course:	1	2	3	4	5

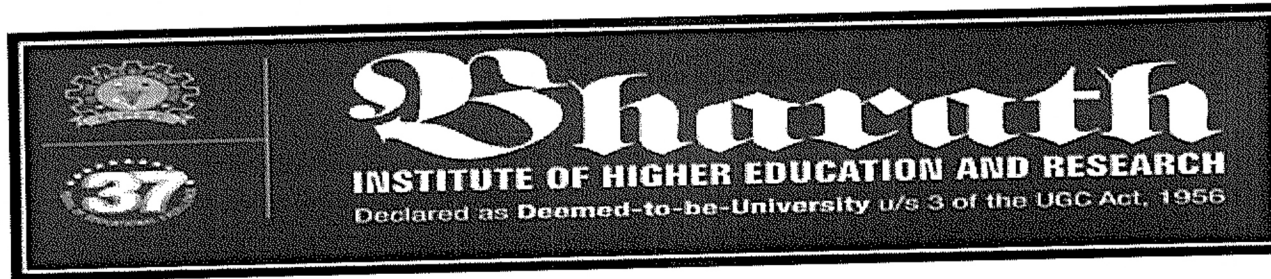
Please give Suggestion for the improvement of the course:

Weakness of the course:

Strength of the course:

*Ramya*  
Signature

\*\*\* Thank you \*\*\*



SCHOOL OF ELECTRICAL ENGINEERING

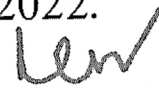
## CERTIFICATE OF PARTICIPATION

JANAKI RAMAN(U12EC017)

This is to certify that Mr/Ms.....

has attended Value added Course on "Course on Enhance your Skills with MATLAB Training" Organized by the school of Electrical Engineering, BIHER conducted from 12-05-2022 to 18-05-2022.

  
Ms. G.KANAGAVALLI  
COURSE COORDINATOR

  
Dr. M. SUNDARARAJAN  
CONVENOR