

From

The Head of the Department
Department of Biomedical Engineering
BIHER

Chennai

01-08-2021

To

The Dean
BIHER

Respected Sir

Sub: Approval to conduct a value added course on "Introduction to Matlab Programming"-reg

It has been planned by the Department of Biomedical Engineering to start a Value Added Course on "Introduction to Matlab Programming" for the benefit of B.Tech Biomedical Engineering, B.Tech Industrial Biotechnology and B-Tech Genetic Engineering students from 8th August, 2021. The duration of the course is 30 hrs comprising of both theory and practical classes. I request you to kindly approve for the same.

Thanking you



Yours sincerely





Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH
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BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH

Date: 3-08-20 21

SCHOOL OF BIOENGINEERING CIRCULAR

Notification for Value added courses offered by the School of Bioengineering

The Department of Bio Medical Engineering, School of Bioengineering, is scheduled to offer a Value added Course on “**Introduction to Matlab Programming**” from 8/08/2021 for a period of 3 weeks. Interested students can approach Mr.M.Sundaraj, Assistant Professor and Course Coordinator, Department of Bio Medical Engineering, for registration and further details on or before 7th August 2021

Eligibility-II, III and IV B-Tech IBT, GE and BME

Course Coordinator

HOD

Copy to:

Vice Chancellor
Pro Vice Chancellor
Additional Registrar
Deans
CoE
Heads of Departments



BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
SCHOOL OF BIO-ENGINEERING
DEPARTMENT OF BIO MEDICAL ENGINEERING
VALUE ADDED COURSE ON INTRODUCTION TO MATLAB PROGRAMMING
2021-2022
COURSE CO-ORDINATOR DETAILS

Faculty Name: Mr.R.Sundaraj,

Assistant Professor,

Department of Bio Medical Engineering.

Email ID: sundar.r@gmail.com

Mobile number: 9881685022

**BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
SCHOOL OF BIO-ENGINEERING**

DEPARTMENT OF BIO MEDICAL ENGINEERING

2021-2022

VALUE ADDED COURSE SYLLABUS

INTRODUCTION TO MATLAB PROGRAMMING

MODULE 1

Introduction to MATLAB , The MATLAB Environment , MATLAB Basics – Variables, Numbers, Operators, Expressions, Input and output. Vectors, Arrays – Matrices, Built-in Functions, User defined Functions.

MODULE 2

Graphics with MATLAB, Files and File Management – Import/Export, Basic 2D, 3D plots, Graphic handling.

Module 3

Programming with MATLAB, Conditional Statements, Loops, MATLAB Programs – Programming and Debugging, Applications of MATLAB Programming. Algebraic equations, Basic Symbolic Calculus and Differential equations, Numerical Techniques and Transforms.

Total Contact Hour: 30

SCHOOL OF BIO-ENGINEERING
DEPARTMENT OF BIO MEDICAL ENGINEERING
VALUE ADDED COURSE

INTRODUCTION TO MATLAB PROGRAMMING

Session	Topic	Date	Duration (Hr)	Resource person
Session I	Introduction to MATLAB , The MATLAB Environment	8.08.2021	3	Dr.R.Vasuki
Session II	MATLAB Basics – Variables, Numbers, Operators	9.08.2021	4	Dr.R.Vasuki
Session III	Expressions, Input and output. Vectors, Arrays – Matrices, Built-in Functions, User defined Functions.	10.08.2021	4	Ms.S.Geetha
Session IV	Graphics with MATLAB	15.08.2021	3	Dr.Emerson Solomon
Session V	Files and File Management – Import/Export	16.08.2021	3	Dr.Emerson Solomon
Session VI	Basic 2D, 3D plots, Graphic handling	17.08.2021	3	Ms.S.Geetha
Session VII	Programming with MATLAB, Conditional Statements, Loops	22.08.2021	3	R.Sundaraj
Session VIII	MATLAB Programs – Programming and Debugging, Applications of MATLAB Programming. Algebraic equations	23.08.2021	3	R.Sundaraj
Session IX	Basic Symbolic Calculus and Differential equations, Numerical Techniques and Transforms.	24.08.2021	4	R.Sundaraj

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SCHOOL OF BIO-ENGINEERING
DEPARTMENT OF BIO MEDICAL ENGINEERING
VALUE ADDED COURSE
INTRODUCTION TO MATLAB PROGRAMMING
STUDENTS NAME LIST

S.NO	REG.NO	NAME
1	U14BM002	Akkal Dev Divya
2	U14BM003	Alakanti Karthik
3	U14BM008	Birru Vikas
4	U14BM010	Damini Sarkar
5	U14BM016	Kamakshi.M
6	U14BM026	Manivannan
7	U15BM001	Abhijith T Unnikrishnan
8	U15BM002	Abinaya K
9	U15BM003	Ambati Sneha Sree
10	U15BM004	Anagha B
11	U15BM005	Aneesa Jan
12	U15BM006	Aravindhan A
13	U15BM007	Balasubramanian S
14	U15BM011	Denallenni E
15	U15BM016	Gayathri E.K
16	U15BM025	Koshik S
17	U15BM031	Mohamed Suhail Z
18	U15BM032	Monisri V
19	U15BM033	Muchakayala Harsha Vardhan
20	U15BM048	Shaik Riyaz
21	U15BM061	Anjana R
22	U15BM062	Udarapu Deva Sai
23	U15BM063	Karthika M
24	U15BM064	Mathrapu Karthika
25	U15BM065	Priyali Jha
26	U15BM067	Alamuri Susmitha
27	U15BM068	S.Rambalaji
28	U15BM069	Aamir Hussain Bhat
29	U15BM070	K Kanaga Priya
30	U15BM071	Vanga Rupesh Kumar
31	U15BM073	Vanga Rana Prathap
32	U15BM074	Vijayalakshmi A
33	U15BM075	Pravenna A
34	U15BR002	ARUTHRA B
35	U15BR003	BHUKYA PAVAN KALYAN
36	U15BR004	CHANDRAKUMAR S
37	U15BR005	GANGA N
38	U15BR008	JEMI JOAN SILVIYA K

39	U15BR009	M N VINITHA
40	U15BR010	MANASA M S
41	U15BR011	NIVEDITHA SELVAKUMAR
42	U15BR012	NIVETHA B
43	U15BR001	AJIT KARTHIKEYAN T
44	U15BR006	I. SUNETHA
45	U15BT001	ARUMAI RATCHAGAN S.R
46	U15BT002	DEVA V
47	U15BT003	KALAISELVAN A
48	U15BT004	KANIKA P G
49	U15BT007	L. JEEVITHA
50	U15BT008	MURALIRAM T
51	U15BT009	PRITAM SASMAL
52	U15BT011	SELVA JANANI S
53	U15BT013	VAIRAMOORTHY M
54	U15BT014	VIJAYA LAKSHMI N
55	U15BT015	NEHA SINGH
56	U15BT016	PUNITHAVATHY R
57	U15BT017	SUGANYA RAJESHWARI E
58	U15BT019	SATHISH KUMAR.R
59	U15BT020	VIMALANBAN S
60	U15BT021	KALAIVANI R

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VALUE ADDED COURSE
INTRODUCTION TO MATLAB PROGRAMMING

Students Result

S.NO	REG.NO	NAME	RESULT
1	U14BM002	Akkal Dev Divya	S
2	U14BM003	Alakanti Karthik	S
3	U14BM008	Birru Vikas	S
4	U14BM010	Damini Sarkar	S
5	U14BM016	Kamakshi.M	S
6	U14BM026	Manivannan	S
7	U15BM001	Abhijith T Unnikrishnan	S
8	U15BM002	Abinaya K	A
9	U15BM003	Ambati Sneha Sree	S
10	U15BM004	Anagha B	S
11	U15BM005	Aneesa Jan	S
12	U15BM006	Aravindhan A	S
13	U15BM007	Balasubramanian S	S
14	U15BM011	Denallenni E	S
15	U15BM016	Gayathri E.K	A
16	U15BM025	Koshik S	A
17	U15BM031	Mohamed Suhail Z	A
18	U15BM032	Monisri V	A
19	U15BM033	Muchakayala Harsha Vardhan	A
20	U15BM048	Shaik Riyaz	A
21	U15BM061	Anjana R	A
22	U15BM062	Udarapu Deva Sai	S
23	U15BM063	Karthika M	S
24	U15BM064	Mathrapu Karthika	S
25	U15BM065	Priyali Jha	S
26	U15BM067	Alamuri Susmitha	S
27	U15BM068	S.Rambalaji	S
28	U15BM069	Aamir Hussain Bhat	S
29	U15BM070	K Kanaga Priya	S
30	U15BM071	Vanga Rupesh Kumar	A
31	U15BM073	Vanga Rana Prathap	A
32	U15BM074	Vijayalakshmi A	A
33	U15BM075	Pravenna A	A
34	U15BR002	ARUTHRA B	S
35	U15BR003	BHUKYA PAVAN KALYAN	S
36	U15BR004	CHANDRAKUMAR S	S
37	U15BR005	GANGA N	S
38	U15BR008	JEMI JOAN SILVIYA K	S
39	U15BR009	M N VINITHA	A

40	U15BR010	MANASA M S	A
41	U15BR011	NIVEDITHA SELVAKUMAR	S
42	U15BR012	NIVETHA B	S
43	U15BR001	AJIT KARTHIKEYAN T	S
44	U15BR006	I. SUNETHA	S
45	U15BT001	ARUMAI RATCHAGAN S.R	S
46	U15BT002	DEVA V	S
47	U15BT003	KALAISELVAN A	A
48	U15BT004	KANIKA P G	A
49	U15BT007	L. JEEVITHA	S
50	U15BT008	MURALIRAM T	A
51	U15BT009	PRITAM SASMAL	S
52	U15BT011	SELVA JANANI S	S
53	U15BT013	VAIRAMOORTHY M	S
54	U15BT014	VIJAYA LAKSHMI N	S
55	U15BT015	NEHA SINGH	S
56	U15BT016	PUNITHAVATHY R	S
57	U15BT017	SUGANYA RAJESHWARI E	S
58	U15BT019	SATHISH KUMAR.R	S
59	U15BT020	VIMALANBAN S	S
60	U15BT021	KALAIVANI R	S



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NAAC

NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL



SCHOOL OF BIO ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms/Mrs/Dr Gayathri E.K S has completed the value added course on "Introduction to Matlab Programming" organized by the Department of Biomedical Engineering, Bharath Institute of Higher Education and Research, Chennai (TN), India during 8th August to 24th August, 2021

Dean

HOD

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SCHOOL OF BIOENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

Name : Vijaya Lakshmi A

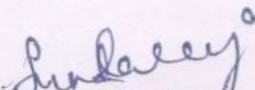
Register Number : U15BM074

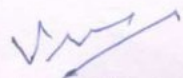
Academic year: 2021-2022

Name of the course offered : Intro to Matlab Programming

Student Feedback

S.No	Criteria	Rating				
		Excellent	Very Good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development		✓			
3	Motivation	✓				
4	Regularity of the faculty		✓			
5	Coverage of the syllabus	✓				
6	Resourse person interaction with students	✓				
7	Outcome	✓				
8	Individual Attention	✓				


Signature of the Course co-ordinator


Signature of the Student

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH

SCHOOL OF BIOENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

Name : *A. Aharindan*

Register Number : *V15BM006*

Academic year: *2021-2022*

Name of the course offered : *Introduction to MATLAB Programming*

Student Feedback

S.No	Criteria	Rating				
		Excellent	Very Good	Good	Fair	Satisfactory
1	Course content		<i>✓</i>			
2	Skill development		<i>✓</i>			
3	Motivation			<i>✓</i>		
4	Regularity of the faculty	<i>✓</i>				
5	Coverage of the syllabus	<i>✓</i>				
6	Resource person interaction with students		<i>✓</i>			
7	Outcome		<i>✓</i>			
8	Individual Attention			<i>✓</i>		

Aharindan
Signature of the Course co-ordinator

Aharindan
Signature of the Student