



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
SCHOOL OF BIOENGINEERING

Date: 16-03-2018

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 **“Calibration and Testing of Biomedical Equipments”** from 26/03/2018 for a period of 3 weeks. Interested students can approach Ms.Subbulakshmi, Assistant Professor and Course Coordinator, Department of Bio Medical Engineering for registration and for further details on or before 23rd March 2018.

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

Subbulakshmi
Course Coordinator

[Signature]
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 CALIBRATION AND TESTING OF BIOMEDICAL
EQUIPMENTS
2017-2018
COURSE CO-ORDINATOR DETAILS

Faculty Name: N.Subbulakshmi,

Assistant Professor,

Department of Bio Medical Engineering.

Email ID: nsubhalakshmi@gmail.com

Mobile number: 9940446298

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
SCHOOL OF BIO-ENGINEERING
DEPARTMENT OF BIO MEDICAL ENGINEERING
VALUE ADDED COURSE SYLLABUS
2017-2018

Calibration and Testing of Biomedical Equipments

UNIT 1: INTRODUCTION TO THE MEDICAL EQUIPMENT TECHNOLOGY

Introduction to healthcare and hospitals , Introduction to the Medical Equipment Technology Assistant program , Computers and information technology, Basics of emergency care and life support skills

UNIT II: UNDERSTANDING THE WORKING OF BASIC EQUIPMENTS

Electronic circuit- I, Introduction to medical equipment technology, Electronic component and application, Biomedical instrumentation and measurement, Familiarization and working with Ultrasound machine, ECG and x-ray equipments

UNIT III : CALIBRATION AND MAINTENANCE OF BASIC EQUIPMENTS

Electronic circuit - II, Safety procedural guidelines, Installation, Maintenance and Servicing of Medical Equipment, Maintenance of records

Total Contact Hours: 30

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

CALIBRATION AND TESTING OF BIOMEDICAL EQUIPMENTS

Session	Topic	Date	Duration (Hr)	Resource person
Session I	Introduction to healthcare and hospitals , Introduction to the Medical Equipment Technology Assistant program	26.03.2018	4	N.Subhalakshmi
Session II	Computers and information technology, Basics of emergency care and life support skills	27.03.2018	4	Dr.R.Vasukidevi
Session III	Electronic circuit- I	28.03.2018	3	N.Subhalakshmi
Session IV	Introduction to medical equipment technology	02.04.2018	4	Dr.Emerson Solomon
Session V	Electronic component and application, Biomedical instrumentation and measurement	03.04.2018	3	Dr.Emerson Solomon
Session VI	Familiarization and working with Ultrasound machine	04.04.2018	3	Ms.S.Geetha
Session VII	ECG and x-ray equipments	09.04.2018	3	S.Prasath
Session VIII	Electronic circuit - II, Safety procedural guidelines	10.04.2018	3	N.Subhalakshmi
Session IX	Installation, Maintenance and Servicing of Medical Equipment, Maintenance of records	11.04.2018	3	Ms.S.Geetha

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SCHOOL OF BIO-ENGINEERING
DEPARTMENT OF BIO MEDICAL ENGINEERING
VALUE ADDED COURSE
CALIBRATION AND TESTING OF BIOMEDICAL EQUIPMENTS
STUDENTS NAME LIST 2017- 2018

S.NO	REG.NO	NAME
1.	U16BM001	Subabalan M
2.	U16BM002	Sanjanaah Shree S
3.	U16BM003	Evangeline Elakiya Benedict E D
4.	U16BM004	Vinothraj K
5.	U16BM005	Paul Harrison J
6.	U16BM006	Siva Harish S
7.	U16BM008	Monisha R
8.	U16BM009	Devasneha D P K
9.	U16BM010	Subburam K M
10.	U16BM011	Pavithra V
11.	U16BM012	Ashini I S
12.	U16BM020	Abisha G
13.	U16BM021	Chrysolyte Precious Rani S
14.	U16BM022	Sasikumar J
15.	U16BM023	Nawaz Shariff A
16.	U16BM024	Karanam Adarash Rao
17.	U16BM025	Kudugunta Achyutha Reddy
18.	U16BM052	Revathi N
19.	U16BM053	Shaik Farhana
20.	U16BM054	Rakhi Dash
21.	U16BM056	Nakrani Leeshna
22.	U16BM057	Upputholla Rohith
23.	U16BM058	Arideep Siddhanta
24.	U16BM059	Naga Jagadesh Reddy
25.	U16BM060	Divi Divya Sree
26.	U16BM062	Divya Kerketta
27.	U16BM063	Nadella Monica
28.	U16BM064	Yedla Nissi Shalisha
29.	U16BM065	Bellamkonda Sai Harshith
30.	U16BM067	Ajitha .K
31.	U15BR011	NIVETHA B
32.	U15BR012	PALADI DHEERAJ
33.	U15BR013	PRIYANKA P
34.	U15BR014	RUSHMITHA ANBARASU
35.	U15BR015	SARAH BEGUM A
36.	U15BR016	SHARMILEE M
37.	U15BR017	TAWFEEQ HAARIS BUHARI

38	U15BR018	TEJASVINI M
39	U15BR019	VISHALI R C
40	U15BR020	BHUKYA PAVAN KALYAN
41	U15BR021	VIDHYA SHREE E
42	U15BR022	B. PRIYANKA
43	U15BR023	AKILA R
44	U15BT009	PRITAM SASMAL
45	U15BT011	SELVA JANANI S
46	U15BT013	VAIRAMOORTHY M
47	U15BT014	VIJAYA LAKSHMI N
48	U15BT015	NEHA SINGH
49	U15BT016	PUNITHAVATHY R
50	U15BT017	SUGANYA RAJESHWARI E
51	U15BT019	SATHISH KUMAR.R
52	U15BT020	VIMALANBAN S
53	U15BT021	KALAIVANI R
54	U15BT501	ROSHINI ESTHER A
55	U15BT502	MARKAPURAM BHAVYA
56	U15BM011	Denallenni E
57	U15BM012	Divya Bharathi R
58	U15BM013	Faizal Ahmed S
59	U15BM014	Fathima Farsana M
60	U15BM015	Gangapalli Sruthi
61	U15BM016	Gayathri E.K
62	U15BM017	Gilead Lilly R
63	U15BM018	Jagarlamudi Mohan Sai Durga Prasad
64	U15BM019	Javvadi Sai Rishita

**BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
SCHOOL OF BIO-ENGINEERING
DEPARTMENT OF BIO MEDICAL ENGINEERING
VALUE ADDED COURSE**

Calibration and Testing of Biomedical Equipments (2017-2018)

Students Result

S.NO	REG.NO	NAME	RESULT
1.	U16BM001	Subabalan M	A
2.	U16BM002	Sanjanaah Shree S	S
3.	U16BM003	Evangeline Elakiya Benedict E D	S
4.	U16BM004	Vinothraj K	A
5.	U16BM005	Paul Harrison J	S
6.	U16BM006	Siva Harish S	S
7.	U16BM008	Monisha R	A
8.	U16BM009	Devasneha D P K	S
9.	U16BM010	Subburam K M	S
10.	U16BM011	Pavithra V	S
11.	U16BM012	Ashini I S	S
12.	U16BM020	Abisha G	A
13.	U16BM021	Chrysolyte Precious Rani S	A
14.	U16BM022	Sasikumar J	A
15.	U16BM023	Nawaz Shariff A	A
16.	U16BM024	Karanam Adarash Rao	B
17.	U16BM025	Kudugunta Achyutha Reddy	S
18.	U16BM052	Revathi N	S
19.	U16BM053	Shaik Farhana	S
20.	U16BM054	Rakhi Dash	S
21.	U16BM056	Nakrani Leeshna	A
22.	U16BM057	Upputholla Rohith	S
23.	U16BM058	Arideep Siddhanta	A
24.	U16BM059	Naga Jagadesh Reddy	S
25.	U16BM060	Divi Divya Sree	A
26.	U16BM062	Divya Kerketta	S
27.	U16BM063	Nadella Monica	A
28.	U16BM064	Yedla Nissi Shalisha	S
29.	U16BM065	Bellamkonda Sai Harshith	S
30.	U16BM067	Ajitha .K	S
31.	U15BR011	NIVETHA B	S
32.	U15BR012	PALADI DHEERAJ	S
33.	U15BR013	PRIYANKA P	S
34.	U15BR014	RUSHMITHA ANBARASU	A
35.	U15BR015	SARAH BEGUM A	S
36.	U15BR016	SHARMILEE M	A
37.	U15BR017	TAWFEEQ HAARIS BUHARI	S
38.	U15BR018	TEJASVINI M	A
39.	U15BR019	VISHALI R C	A

40	U15BR020	BHUKYA PAVAN KALYAN	A
41	U15BR021	VIDHYA SHREE E	A
42	U15BR022	B. PRIYANKA	B
43	U15BR023	AKILA R	A
44	U15BT009	PRITAM SASMAL	B
45	U15BT011	SELVA JANANI S	A
46	U15BT013	VAIRAMOORTHY M	B
47	U15BT014	VIJAYA LAKSHMI N	A
48	U15BT015	NEHA SINGH	B
49	U15BT016	PUNITHAVATHY R	B
50	U15BT017	SUGANYA RAJESHWARI E	S
51	U15BT019	SATHISH KUMAR.R	A
52	U15BT020	VIMALANBAN S	S
53	U15BT021	KALAIVANI R	B
54	U15BT501	ROSHINI ESTHER A	S
55	U15BT502	MARKAPURAM BHAVYA	A
56	U15BM011	Denallenni E	S
57	U15BM012	Divya Bharathi R	A
58	U15BM013	Faizal Ahmed S	A
59	U15BM014	Fathima Farsana M	S
60	U15BM015	Gangapalli Sruthi	A
61	U15BM016	Gayathri E.K	A
62	U15BM017	Gilead Lilly R	S
63	U15BM018	Jagarlamudi Mohan Sai Durga Prasad	A
64	U15BM019	Javvadi Sai Rishita	S

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH

SCHOOL OF BIOENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

Name : RAKHI DAS

Register Number : V16 BN 054

Academic year: 2017-2018

Name of the course offered : CALIBRATION AND TESTING OF
BIOMEDICAL EQUIPMENTS

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	Resource person interaction with students	✓				
7	Outcome	✓				
8	Individual Attention	✓				

Subbulakshmi
Signature of the Course co-ordinator

Rakhi Das
Signature of the Student

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH

SCHOOL OF BIOENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

Name : *Ushali R. L*

Register Number : *V15 BR 019*

Academic year: *2017-2018*

Name of the course offered : *Calibration & Testing of Biomedical Equipment S*

Student Feedback

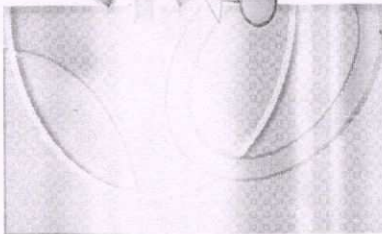
S.No	Criteria	Rating				
		Excellent	Very Good	Good	Fair	Satisfactory
1	Course content		✓			
2	Skill development	✓				
3	Motivation		✓			
4	Regularity of the faculty	✓				
5	Coverage of the syllabus	✓				
6	Resourse person interaction with students	✓				
7	Outcome	✓				
8	Individual Attention	✓				

Subulakshmi

Signature of the Course co-ordinator

Ushali R

Signature of the Student



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**SCHOOL OF BIO ENGINEERING
CERTIFICATE OF PARTICIPATION**

This is to certify that Mr/Ms VIJAYA LAKSHMI N has completed the value added course on “Calibration and Testing of Biomedical Equipments” organized by the Department of Biomedical Engineering, Bharath Institute of Higher Education and Research, Chennai (TN), India during 26th March to 11th April, 2018.


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