

From

Chennai

The Head of the Department

27-12-2019

Department of Biomedical Engineering

BIHER

To

The Dean

BIHER

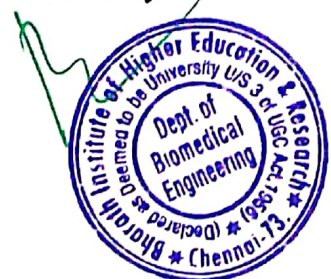
Respected Sir

Sub: Approval to conduct a “Short term course on Nanotechnology Medicine” -reg

It has been planned by the Department of Biomedical Engineering to start a “Short term course on Nanotechnology Medicine” for the benefit of B.Tech Biomedical Engineering, B.Tech Industrial Biotechnology and B-Tech Genetic Engineering students from 27th January, 2020. 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
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH

Date: 03-01-2020

**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 "Short term course on Nanotechnology Medicine" from 27/01/2020 for a period of 3 weeks. Interested students can approach Mr. S. Prasath, Assistant Professor and Course Coordinator, Department of Bio Medical Engineering, for registration and further details on or before 24th January 2020.

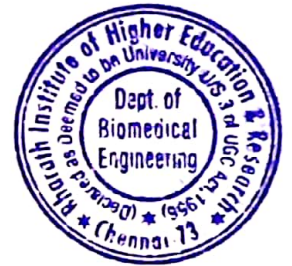
Eligibility-II, III and IV B-Tech IBT, GE and BME

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

SHORT TERM COURSE ON NANOTECHNOLOGY MEDICINE

2019-2020

COURSE CO-ORDINATOR DETAILS

Faculty Name: Mr. S. Prasath,

Assistant Professor,

Department of Bio Medical Engineering.

Email ID: mail.surendhar@gmail.com

Mobile number: 87545 81937

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH

SCHOOL OF BIO-ENGINEERING

DEPARTMENT OF BIO MEDICAL ENGINEERING

2019-2020

VALUE ADDED COURSE SYLLABUS

SHORT TERM COURSE ON NANOTECHNOLOGY MEDICINE

MODULE 1

Introduction to nano, Nano-biomimicry, Synthesis of nanomaterials by physical and chemical methods, Synthesis of nanomaterials by biological methods, Characterisation of nanomaterials.

MODULE 2

Nanomaterials for cancer diagnosis, Nanomaterials for cancer therapy, Nanotechnology in tissue engineering, Nano artificial cells, Nanotechnology in organ printing.

MODULE 3

Nanotechnology in point-of-care diagnostics, Nanopharmacology & drug targeting, Cellular uptake mechanisms of nanomaterials, In vitro methods to study antibacterial and anticancer properties of nanomaterials, Nanotoxicology

Total Contact Hour: 30

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

Short term course on Nanotechnology Medicine

Session	Topic	Date	Duration (Hr)	Resource person
Session I	Introduction to nano, Nano-biomimicry.	27.01.2020	4	Mr.S.Prasath
Session II	Synthesis of nanomaterials by physical and chemical methods, Synthesis of nanomaterials by biological methods	28.01.2020	3	Mr.S.Prasath
Session III	Characterisation of nanomaterials	29.01.2020	3	Mr.S.Prasath
Session IV	Nanomaterials for cancer diagnosis, Nanomaterials for cancer therapy.	03.02.2020	4	Ms. S. Geetha
Session V	Nanotechnology in tissue engineering	04.02.2020	3	Ms. S. Geetha
Session VI	Nano artificial cells, Nanotechnology in organ printing.	05.02.2020	3	Ms. S. Geetha
Session VII	Nanotechnology in point-of-care diagnostics, Nanopharmacology	10.02.2020	4	Dr. F. Emerson Solomon
Session VIII	Cellular uptake mechanisms of nanomaterials, In vitro methods to study antibacterial and anticancer properties of nanomaterials.	11.02.2020	3	Dr. F. Emerson Solomon
Session IX	Nanotoxicology	12.02.2020	3	Dr. F. Emerson Solomon

**BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
SCHOOL OF BIO-ENGINEERING
DEPARTMENT OF BIO MEDICAL ENGINEERING
VALUE ADDED COURSE
Short term course on Nanotechnology Medicine
STUDENTS NAME LIST**

S.NO	REG.NO	NAME
1.	U16BM006	Siva Harish S
2.	U16BM012	Ashini I S
3.	U16BM019	Ajeesh S P
4.	U16BM025	Kudugunta Achyutha Reddy
5.	U16BM029	Mulagada Nikshiptha
6.	U16BM035	Vijay Kumar P
7.	U16BM042	Kalleapadam Akshay Das
8.	U16BM050	Karanam Kavya
9.	U16BM054	Rakhi Dash
10.	U16BM060	Divi Divya Sree
11.	U16BM067	Ajitha .K
12.	U16BM074	Shouvik Poddar
13.	U16BM081	Pravallika B
14.	U17BM005	Suprava Paul
15.	U17BM006	Kartic S
16.	U17BM007	Divine Winfred W
17.	U17BM015	Mathankumar G K
18.	U17BM019	Kalyaneswar Mishra
19.	U17BM024	Afreen Banu A
20.	U17BM030	Swedha S
21.	U17BM037	Medivemulla Chenna Reddy
22.	U17BM041	Kottinti Swati
23.	U17BM050	Madhav P
24.	U17BM056	Kusampudi Likhita Supraja
25.	U17BM064	Jerin Judery D S
26.	U17BM075	Rahul K
27.	U17BM083	Fathima K
28.	U17BM091	Jency C
29.	U17BM098	Karthik B
30.	U17BM103	Vijay shankar Tiwary.S
31.	U17BM107	Tapalshaik Fhazul Rahman
32.	U17BM115	Jayasree S
33.	U17BM121	Hariharan S
34.	U17BM127	Marigari Hemalatha
35.	U17BM132	Kudikala Vani
36.	U18BM004	Selvaganapathy V
37.	U18BM005	Paveesh M
38.	U18BM018	Yushaaq Hussain Z

39	U18BM023	Siddavatam Mounika
40	U18BM027	Bhavani M
41	U18BM031	Jajula Prahnitha
42	U18BM035	Jonnagadla Harika
43	U18BM043	Gottiparthi Vaishnavi
44	U18BM056	P Haritha
45	U18BM066	Vykuntam Chandini .
46	U18BM069	Mandem Sumanasree
47	U18BM070	Srikanth M
48	U18BM071	Basode Veeranna
49	U17BM120	Arun K
50	U17BM130	Thagirisapu Venu Bhargavi

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

Short term course on Nanotechnology Medicine
Students Result

S.NO	REG.NO	NAME	RESULT
1.	U16BM006	Siva Harish S	S
2.	U16BM012	Ashini I S	A
3.	U16BM019	Ajeesh S P	A
4.	U16BM025	Kudugunta Achyutha Reddy	A
5.	U16BM029	Mulagada Nikshiptha	S
6.	U16BM035	Vijay Kumar P	S
7.	U16BM042	Kalleapadam Akshay Das	A
8.	U16BM050	Karanam Kavya	S
9.	U16BM054	Rakhi Dash	A
10.	U16BM060	Divi Divya Sree	S
11.	U16BM067	Ajitha .K	A
12.	U16BM074	Shouvik Poddar	S
13.	U16BM081	Pravallika B	A
14.	U17BM005	Suprava Paul	S
15.	U17BM006	Kartic S	A
16.	U17BM007	Divine Winfred W	S
17.	U17BM015	Mathankumar G K	A
18.	U17BM019	Kalyaneswar Mishra	S
19.	U17BM024	Afreen Banu A	A
20.	U17BM030	Swedha S	S
21.	U17BM037	Medivemulla Chenna Reddy	A
22.	U17BM041	Kottinti Swati	S
23.	U17BM050	Madhav P	A
24.	U17BM056	Kusampudi Likhita Supraja	S
25.	U17BM064	Jerin Judery D S	S
26.	U17BM075	Rahul K	A
27.	U17BM083	Fathima K	S
28.	U17BM091	Jency C	A
29.	U17BM098	Karthik B	A
30.	U17BM103	Vijay shankar Tiwary.S	S
31.	U17BM107	Tapalshaik Fhazul Rahman	S
32.	U17BM115	Jayasree S	A
33.	U17BM121	Hariharan S	S
34.	U17BM127	Marigari Hemalatha	A
35.	U17BM132	Kudikala Vani	S
36.	U18BM004	Selvaganapathy V	S
37.	U18BM005	Paveesh M	S
38.	U18BM018	Yushaaq Hussain Z	A
39.	U18BM023	Siddavatam Mounika	S

40	U18BM027	Bhavani M	A
41	U18BM031	Jajula Prahnitha	S
42	U18BM035	Jonnagadla Harika	S
43	U18BM043	Gottiparthi Vaishnavi	S
44	U18BM056	P Haritha	S
45	U18BM066	Vykuntam Chandini .	S
46	U18BM069	Mandem Sumanasree	A
47	U18BM070	Srikanth M	S
48	U18BM071	Basode Veeranna	S
49	U17BM120	Arun K	A
50	U17BM130	Thagirisapu Venu Bhargavi	S

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
SCHOOL OF BIOENGINEERING
DEPARTMENT OF BIOMEDICAL ENGINEERING

Name : SIVA HARISH . S


Register Number : U16BM006

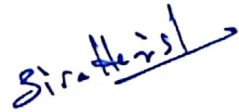
Academic year: 2019 - 2020

Name of the course offered : SHORT TERM COURSE ON NANOTECHNOLOGY MEDICINE

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 : M. Paveesh

Register Number : U18Bm005

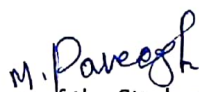
Academic year: 2019-2020

Name of the course offered : Short term Course on Nanotechnology medicine

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		✓			


Signature of the Course co-ordinator


Signature of the Student



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



DEPARTMENT OF BIOMEDICAL ENGINEERING
CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms/Mrs/Dr Mulagada Nikshiptha

*has completed the value added course on "Short term course on Nanotechnology
Medicine" organized by the Department of Biomedical Engineering, Bharath
Institute of Higher Education and Research, Chennai (TN), India during 27th
January to 12th February, 2020.*

Co-ordinator
Mr. S. Prasath

Convenor
Dr. R. Vasuki