



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCES

25-04-2018

CIRCULAR

We are pleased to inform that the School of Basic Sciences is organizing a training program on "Certificate Course in X-Ray Technician" on 9th May 2018. The details of the program are:

Resource person : Dr. P. Manoj Kumar, M.B.B.S, M.D.,
Radiologist, Apollo Hospitals.

Convener : Dr. R. Velavan
HoD, Physics.

Coordinator : Mrs. C. Rathika Thayakumari

The classes will be held during Saturdays only. The interested students shall register their names for the programs. The best performer will be rewarded by issuing certificates.

All are invited to take active part in the program.

R. Velavan
Convener





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SCHEDULE FOR TRAINING COURSE

S.NO	TOPIC	DATE	TIME
1	Introduction to X-ray Technology	09/05/2018	9.30P.M -12.30 P.M
2	Human Anatomy and Physiology	12/05/2018	9.30P.M -12.30 P.M
3	Radiographic techniques and diagnostic	19/05/2018	9.30P.M -12.30 P.M
4	Radiodiagnostic Radiography Equipment	26/05/2018	9.30P.M -12.30 P.M
5	Radiography: Patient care and Hospital practice	02/06/2018	9.30P.M -12.30 P.M
6	Basics of Radiography	09/06/2018	9.30P.M -12.30 P.M
7	Electrocardiography	16/06/2018	9.30P.M -12.30 P.M
8	Radiodiagnostic result correlation	23/06/2018	9.30P.M -12.30 P.M
9	Radiographic techniques	30/06/2018	9.30P.M -12.30 P.M
10	Radiographic image acquisition	07/07/2018	9.30P.M -12.30 P.M
Total			30 hours



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NAME LIST OF THE STUDENTS ENROLLED FOR TRAINING COURSE

ON "CERTIFICATE COURSE IN X-RAY TECHNICIAN"

Total No. of Students: 30

S. No.	DEPARTMENT	NAME
1	BIOTECHNOLOGY	UMMAGANI VIGNESH
2	BIOTECHNOLOGY	UNDAMATLA VENKATA PRASAD
3	BIOTECHNOLOGY	UNDELA LEKHANA
4	BIOTECHNOLOGY	UNDRA VAMSI KRISHNA
5	BIOTECHNOLOGY	S UPENDRA REDDY
6	MICROBIOLOGY	UPPALA HARSHAVARDHAN SAI
7	MICROBIOLOGY	UPPALA RAKESH
8	MICROBIOLOGY	UPPALA SAI PRASAD
9	MICROBIOLOGY	UPPALAPATI PAVAN KUMAR
10	MICROBIOLOGY	UPPARI SAI RAHUL
11	BIOMEDICAL ENGINEERING	UPPU SATHISH
12	BIOMEDICAL ENGINEERING	UPPUTURI AKANKSHA
13	BIOMEDICAL ENGINEERING	VADDELLI SRIJA
14	BIOMEDICAL ENGINEERING	VADDI AKASH
15	BIOMEDICAL ENGINEERING	VADLA SAI BHARGAVA ACHARI
16	GENETIC ENGINEERING	RAJULAPATU KEERTHI AVINASH
17	GENETIC ENGINEERING	RAMAGIRI SUMANTH
18	GENETIC ENGINEERING	RAMAVATH SRIKANTH
19	GENETIC ENGINEERING	RAMAYANAM VAMSIDHAR
20	GENETIC ENGINEERING	RAMBA KARTHEEK



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21	ELECTRONIC AND INSTRUMENTATION ENGINEERING	RAPOL VINAY KUMAR
22	ELECTRONIC AND INSTRUMENTATION ENGINEERING	RAPURU VAMSI
23	ELECTRONIC AND INSTRUMENTATION ENGINEERING	DHENAL M
24	ELECTRONIC AND INSTRUMENTATION ENGINEERING	BHUVANESH A R
25	ELECTRONIC AND INSTRUMENTATION ENGINEERING	RAMYA M
26	PHYSICS	KURMA SATHISH
27	PHYSICS	THARUN KUMAR P
28	PHYSICS	ARUL GANESH M
29	PHYSICS	AARTHIGA R
30	PHYSICS	SHANMUGA PRIYA M



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Students are attending the training program on “Certificate Course in X-Ray Technician”



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SCHOOL OF BASIC SCIENCES

A training program on

"Certificate Course in X-Ray Technician"

Certificate of Appreciation

This is to certify that *U. Akansha*
..... *Biomedical Engg.*

..... attended the training program on "Certificate Course in X-Ray Technician" held
during 09/05/2018 to 07/07/2018 organized by School of Basic Sciences, Bharath Institute of
Higher Education and Research, Selaiyur, Chennai-600073.

R. Velavan
Dr. R. VELAVAN
(Convener)

P. Manoj Kumar
Dr. P. MANOJ KUMAR
(Resource Person)

C. Rathika Thayakumari
Dr. C. RATHIKA THAYAKUMARI
(Coordinator)



Bharath

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FEEDBACK FORM

<u>Criteria</u>	<u>Strongly Agree</u> (3)	<u>Agree</u> (2)	<u>Disagree</u> (1)
Training was relevant to my needs		✓	
Materials provided were helpful	✓		
Length of training program was sufficient		✓	
Content was well organized	✓		
Questions were engaged	✓		
Instructions were clear and understandable	✓		
Training met my expectations	✓		
The presentations were effective	✓		

A. R. Bhuvanesh
E & I

R. Velavan





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FEEDBACK FORM

<u>Criteria</u>	<u>Strongly</u> <u>Agree</u> <u>(3)</u>	<u>Agree</u> <u>(2)</u>	<u>Disagree</u> <u>(1)</u>
Training was relevant to my needs	✓		
Materials provided were helpful	✓		
Length of training program was sufficient	✓		
Content was well organized	✓		
Questions were engaged	✓		
Instructions were clear and understandable	✓		
Training met my expectations	✓		
The presentations were effective	✓		

Sanja

R. Velavan





Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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SCHOOL OF BASIC SCIENCE

15-08-2017

CIRCULAR

We are pleased to inform that the School of Arts is organizing a training program on "Certificate Course on Health Management" on 31st August 2017. The details of the program are:

Resource person : Dr. M. Swamikannu, M.D(General Medicine)
MGM Health care

Convener : Dr. R. Velavan
HoD, Physics

Coordinator : Mr. K. Seevakan

The classes will be held during Saturdays only. The interested students shall register their names for the programs. The best performer will be rewarded by issuing certificates.

All are invited to take active part in the program.

R. Velavan

Convener





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SCHEDULE FOR TRAINING COURSE

S.NO	TOPIC	DATE	TIME
1	Marketing management	31/08/2017	9.30P.M -12.30 P.M
2	Managerial communication	02/09/2017	9.30P.M -12.30 P.M
3	Principles of Management	09/09/2017	9.30P.M -12.30 P.M
4	Healthcare economics	16/09/2017	9.30P.M -12.30 P.M
5	Health management	23/09/2017	9.30P.M -12.30 P.M
6	Organizational Behaviour	30/09/2017	9.30P.M -12.30 P.M
7	Strategic Management	07/10/2017	9.30P.M -12.30 P.M
8	Fundamentals of Healthcare administration	14/10/2017	9.30P.M -12.30 P.M
9	Hospital planning	21/10/2017	9.30P.M -12.30 P.M
10	Hospital Administration	28/10/2017	9.30P.M -12.30 P.M
		Total	30 hours



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NAME LIST OF THE STUDENTS ENROLLED FOR TRAINING COURSE
ON "CERTIFICATE COURSE ON HEALTH MANAGEMENT"

Total No. of Students: 35

S. No.	DEPARTMENT	NAME
1	BIOTECHNOLOGY	VICKRANTH M
2	BIOTECHNOLOGY	MANI KANDAN N
3	BIOTECHNOLOGY	HARINISRI REKHA G
4	BIOTECHNOLOGY	VIGNESWARAN M
5	BIOTECHNOLOGY	KODURI MERCY GRACE
6	MICROBIOLOGY	VIMAL KUMAR A
7	MICROBIOLOGY	IRENI POORNIMA
8	MICROBIOLOGY	VISHNU V
9	MICROBIOLOGY	PAVAN KALYAN G
10	MICROBIOLOGY	ASHWINI B
11	BIOMEDICAL ENGINEERING	BOOMIBALAN B
12	BIOMEDICAL ENGINEERING	MARIA JOSEPH M
13	BIOMEDICAL ENGINEERING	LOGESH G
14	BIOMEDICAL ENGINEERING	BIRUNTHAA C G
15	BIOMEDICAL ENGINEERING	GALI KOTESH
16	GENETIC ENGINEERING	KALAIRAJAN T
17	GENETIC ENGINEERING	AISHWARYA P
18	GENETIC ENGINEERING	D GUNAPRIYA
19	GENETIC ENGINEERING	RIMMALAPUDI REVATHI
20	GENETIC ENGINEERING	DURGA R
21	ELECTRONIC AND INSTRUMENTATION ENGINEERING	KAMALASH V B
22	ELECTRONIC AND INSTRUMENTATION ENGINEERING	AJITHKUMAR P
23	ELECTRONIC AND INSTRUMENTATION ENGINEERING	DHENAL M
24	ELECTRONIC AND INSTRUMENTATION ENGINEERING	BHUVANESH A R



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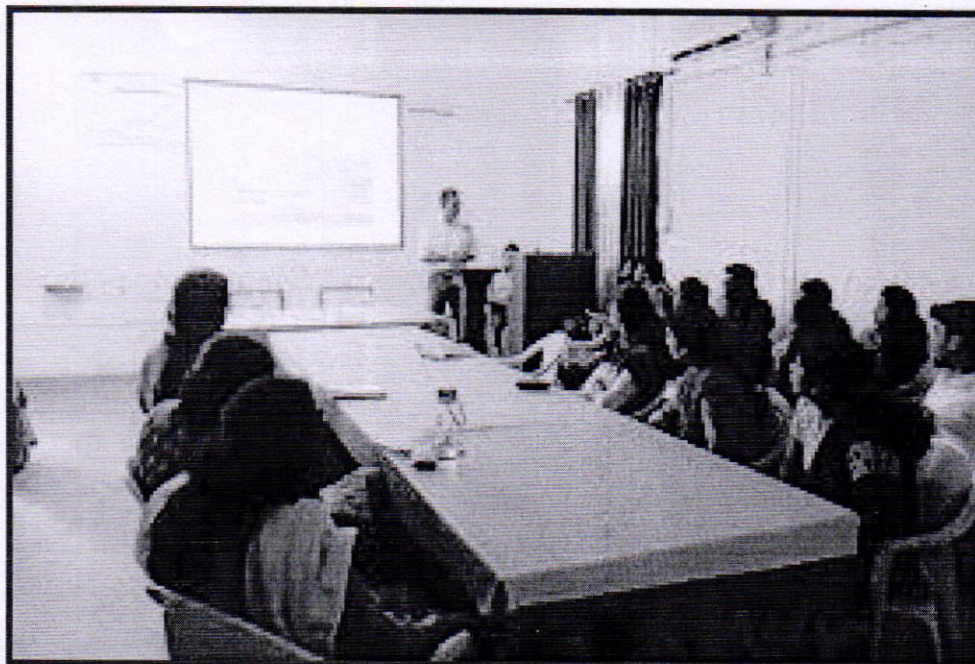
	ELECTRONIC AND INSTRUMENTATION ENGINEERING	
25		RAMYA M
26	PHYSICS	KURMA SATHISH
27	PHYSICS	THARUN KUMAR P
28	PHYSICS	ARUL GANESH M
29	PHYSICS	AARTHIGA R
30	PHYSICS	SHANMUGA PRIYA M
31	CHEMISTRY	HARISH KUMAR R
32	CHEMISTRY	SANTHIYA C
33	CHEMISTRY	DHARANI K
34	CHEMISTRY	M SABITHASREE
35	CHEMISTRY	POUROHITHA SRINIVASA PRIYANKA



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Students are attending the training program on Certificate Course on Health Management



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SCHOOL OF BASIC SCIENCES

A training program on
"Certificate Course on Health Management"

Certificate of Appreciation

This is to certify thatVIMAL KUMAR.....A.....
.....Micro Biology.....
.....attended the training program on "Certificate Course on Health Management" held
during 31/08/2017 to 28/10/2017 organized by School of Basic Sciences, Bharath Institute of
Higher Education and Research, Selaiyur, Chennai-600073.

R. Velavan
Dr. R. VELAVAN
(Convener)

M. Swamikannu
Dr. M. SWAMIKANNU
(Resource Person)

K. Seevak
Dr. K. SEEVAKAN
(Coordinator)



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FEEDBACK FORM

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Training was relevant to my needs	✓		
Materials provided were helpful	✓		
Length of training program was sufficient	✓		
Content was well organized	✓		
Questions were engaged	✓		
Instructions were clear and understandable	✓		
Training met my expectations	✓		
The presentations were effective	✓		

M. Sathya Sree
Chemistry

R. Jeyaraj





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Training was relevant to my needs	✓		
Materials provided were helpful		✓	
Length of training program was sufficient		✓	
Content was well organized		✓	
Questions were engaged	✓		
Instructions were clear and understandable	✓		
Training met my expectations	✓		
The presentations were effective	✓		

B. Baanibalan
BME

R. Velamuri





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SCHOOL OF BASICS SCIENCES

29-08-2017

CIRCULAR

We are pleased to inform that the School of Basics Sciences is organizing a training program on "Certificate Course on Health Sciences" on 31st August 2017. The details of the program are:

Resource person : Mr. Giribalasubramanian
Executive Director, PRA Health Sciences

Convener : Dr. A. Manikandan
HoD, Chemistry

Coordinator : Dr. T. Lakshmikandhan

The classes will be held during Saturdays only. The interested students shall register their names for the programs. The best performer will be rewarded by issuing certificates.

All are invited to take active part in the program.

Convener

Dr. A. MANIKANDAN

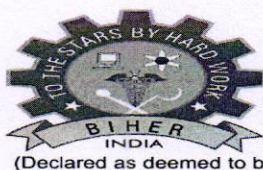
M.Sc., M.Phil., M.Ed., M.Phil, Ph.D.,

Professor & Head

Department of Science & Humanities

Bharath Institute of Higher Education & Research

Chennai - 600 073, India



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SCHEDULE FOR TRAINING COURSE

S.NO	TOPIC	DATE	TIME
1	Introduction to Health Sciences	01/09/2017	9.00A.M – 12.00 P.M
2	Concepts of Health and Disease	08/09/2017	9.00A.M – 12.00 P.M
3	Determinants of Health	15/09/2017	9.00A.M – 12.00 P.M
4	Understanding Environmental Quality Through Quality of Life (QOL) Studies	22/09/2017	9.00A.M – 12.00 P.M
5	Nutritional Hormesis in a Modern Environment	29/09/2017	9.00A.M – 12.00 P.M
6	Dietary Guidelines	06/10/2017	9.00A.M – 12.00 P.M
7	Health Care Demand, Empirical Determinants	13/10/2017	9.00A.M – 12.00 P.M
8	Racism and Health	20/10/2017	9.00A.M – 12.00 P.M
9	Inflammation in Neuropsychiatric Disorders	27/10/2017	9.00A.M – 12.00 P.M
10	Health Status in the Developing World	03/11/2017	9.00A.M – 12.00 P.M
		Total	30 hours



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NAME LIST OF THE STUDENTS ENROLLED FOR TRAINING COURSE

ON "CERTIFICATE COURSE ON HEALTH SCIENCES"

Total No. of Students: 45

S. No.	Department	NAME
1	Bio Medical Engineering	DARSHIKA T
2	Bio Medical Engineering	ANUPRIYA V
3	Bio Medical Engineering	MALLINENI SUCHITRA CHOWDARY
4	Bio Medical Engineering	SANJAY SRINIVAS V
5	Bio Medical Engineering	S SRIRAM
6	Bio Medical Engineering	R VENKADESWARAN
7	Bio Medical Engineering	KAMARUL MUHAMMED BIN SYED ALI
8	Bio Medical Engineering	IRRUMPORAI R
9	Bio Medical Engineering	ASHFAQ AHMED I
10	Bio Medical Engineering	ETTIYAMMAL R
11	Bio Medical Engineering	Y SAI CHARITHA REDDY
12	Bio Medical Engineering	DEVIKA P
13	Bio Medical Engineering	KIRAN KUMAR R
14	Bio Medical Engineering	SRIRAM G



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15	Bio Medical Engineering	BENJAMIN FRANKLIN
16	Bio Medical Engineering	SANJAI S
17	Bio Medical Engineering	BRINDHA R
18	Bio Medical Engineering	DAMMATI SAI JAHNAVI
19	Bio Medical Engineering	ASHWIN KUMAR J
20	Bio Medical Engineering	YUVASREE D
21	Bio Medical Engineering	VIJAYAVIGNESH U
22	Bio Medical Engineering	SANGEETHA PRIYA D
23	Bio Medical Engineering	SATHIYANARAYANAN P
24	Bio Medical Engineering	KEERTHANA R
25	Bio Medical Engineering	BHAVANASRI S
26	Genetic Engineering	NADENDLA SWETHA SRI
27	Genetic Engineering	R SRIPRATA
28	Genetic Engineering	ASHWIN PRABAHAR A
29	Genetic Engineering	DEVKIRAN BANIK
30	Genetic Engineering	K VIJAAYGANAPATHI
31	Genetic Engineering	E ILAMMARAN VARSHAN
32	Genetic Engineering	SUDHARSON S
33	Genetic Engineering	HAKEEM ARISHIYA
34	Genetic Engineering	SIVASHREE S
35	Genetic Engineering	SHIVASHANKARI N
36	Genetic Engineering	MOHANDOSS T
37	Genetic Engineering	KATTA HEMANTH SAI KUMAR
38	Genetic Engineering	JOSHNA FLORENCE J



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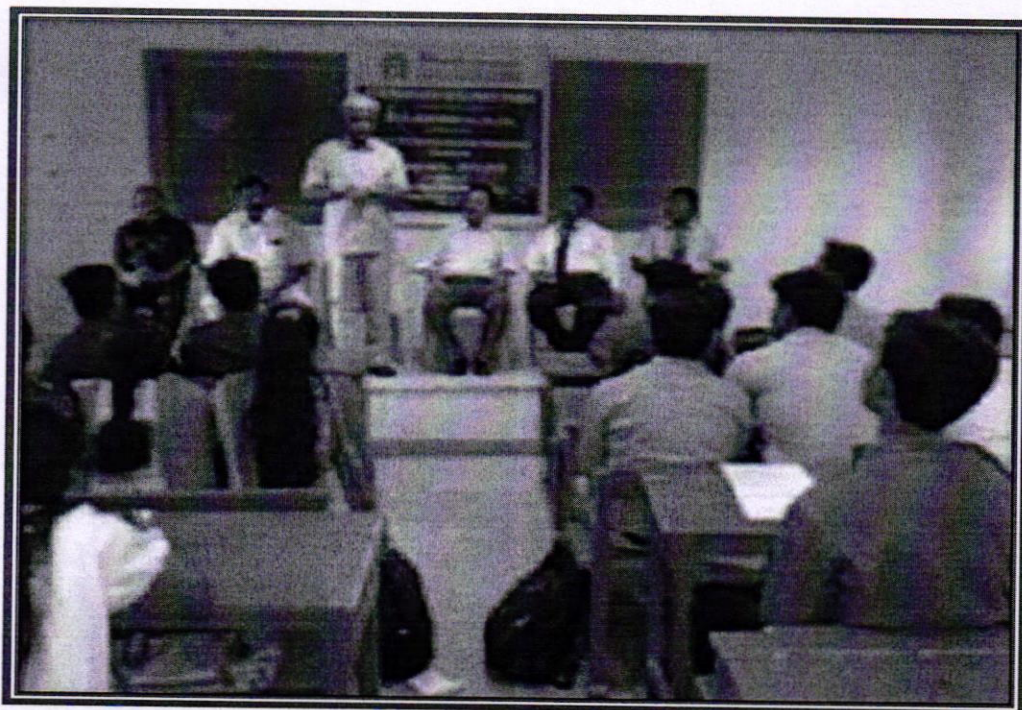
39	Genetic Engineering	JIVIDHESH A
40	Genetic Engineering	BHUKYA ASHOK
41	Genetic Engineering	SHAKITHARKHAN A M
42	Genetic Engineering	NIRANJANA DEVI S
43	Genetic Engineering	SANDHIYA P
44	Genetic Engineering	MERBIN M
45	Genetic Engineering	GNANA SOWNDARIYAN G



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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Students are attending the training program on Hands on Health Sciences



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SCHOOL OF BASIC SCIENCES

A training program on

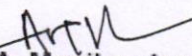
"CERTIFICATE COURSE ON HEALTH SCIENCES"

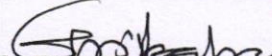
Certificate of Appreciation

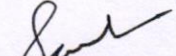
This is to certify that S. SRIRAM

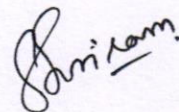
BIO-MEDICAL ENGINEERING

.....attended the training program on **CERTIFICATE COURSE ON HEALTH SCIENCES** held during 01/09/2017 to 03/11/2017 organized by School of Basic Sciences, Bharath Institute of Higher Education and Research, Selaiyur, Chennai-600073.


Dr. A. Manikandan
(Convener)


Mr. Giribalasubramanian
(Resource Person)


Dr. T. Lakshmikandhan
(Coordinator)





Bharath

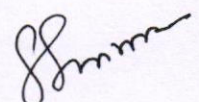
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FEEDBACK FORM

<u>Criteria</u>	<u>Strongly Agree</u> <u>(3)</u>	<u>Agree</u> <u>(2)</u>	<u>Disagree</u> <u>(1)</u>
Training was relevant to my needs	✓		
Materials provided were helpful	✓		
Length of training program was sufficient	✓		
Content was well organized	✓		
Questions were engaged	✓		
Instructions were clear and understandable	✓		
Training met my expectations	✓		
The presentations were effective		✓	


Dr. A. MANIKANDAN
M.Sc., M.Phil., M.Ed., M.Phil, Ph.D.,
Professor & Head
Department of Science & Humanities
Bharath Institute of Higher Education & Research
Chennai - 600 073, India


SSRIRAM
(BIO-MED.)



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FEEDBACK FORM

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Training was relevant to my needs	✓		
Materials provided were helpful	✓		
Length of training program was sufficient	✓		
Content was well organized	✓		
Questions were engaged	✓		
Instructions were clear and understandable	✓		
Training met my expectations	✓		
The presentations were effective	✓		

R. SRIPADA
Genetic Engineer

Dr. A. MANIKANDAN
M.Sc., M.Phil., M.Ed., M.Phil, Ph.D.,
Professor & Head
Department of Science & Humanities
Bharath Institute of Higher Education & Research
Chennai - 600 073, India



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SCHOOL OF BASICS SCIENCES

28-12-2017

CIRCULAR

We are pleased to inform that the School of Basics Sciences is organizing a training program on **"Introduction to Disability studies and Human Development"** on **30th December 2017**. The details of the program are:

**Resource person : Dr. P. Subramanian
TNTEU**

**Convener : Dr. A. Manikandan
HoD, Chemistry**

Coordinator : Dr. T. Lakshmikandhan

The classes will be held during Saturdays only. The interested students shall register their names for the programs. The best performer will be rewarded by issuing certificates.

All are invited to take active part in the program.

Convener

Dr. A. MANIKANDAN

M.Sc., M.Phil., M.Ed., M.Phil, Ph.D.,

Professor & Head

Department of Science & Humanities

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NAME LIST OF THE STUDENTS ENROLLED FOR TRAINING COURSE
ON "INTRODUCTION TO DISABILITY STUDIES AND HUMAN DEVELOPMENT"

Total No. of Students: 45

S. No.	DEPARTMENT	NAME
1	Industrial Bio Technology	GUDIMALLA NIKHILA
2	Industrial Bio Technology	VARSHINI D
3	Industrial Bio Technology	KARTHIK KASHINATH GAONKAR
4	Industrial Bio Technology	NERELLA VENKATA NAGESH
5	Industrial Bio Technology	BHARATH BHARATHI M
6	Industrial Bio Technology	GOPIKA PRIYANK A
7	Industrial Bio Technology	DAMPURU VISHWAKSEN REDDY
8	Industrial Bio Technology	R SABITHA
9	Industrial Bio Technology	DWARAM THARUN
10	Industrial Bio Technology	KOVENDAN M
11	Industrial Bio	MAHA LAXME NAIR M



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	Technology	
12	Industrial Bio Technology	MUTHUKUMARAVEL K
13	Industrial Bio Technology	BHARATHVAAJ K J
14	Industrial Bio Technology	MUZAFAR SHARIEF V P
15	Industrial Bio Technology	SANABOINA BHARATH KUMAR
16	Agricultural Biotechnology	GOLLADI MANJUNATH
17	Agricultural Biotechnology	KARRI SHYAM SANDEEP REDDY
18	Agricultural Biotechnology	JAMPA LAKSHMI NARASIVA
19	Agricultural Biotechnology	NARLA VENKATESWARA SWAMI
20	Agricultural Biotechnology	SEELA RAVITEJA
21	Agricultural Biotechnology	PARABATHINI SRI SHANKAR
22	Agricultural Biotechnology	MORE SAI GANESH
23	Agricultural Biotechnology	VINAY MATHAIT
24	Agricultural Biotechnology	MUDDHULUR DHANUSH
25	Agricultural Biotechnology	DESIREDDY BAVITHA



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26	Agricultural Biotechnology	BOLNEDITHARTHARA VARAPRASAD
27	Agricultural Biotechnology	SATHARLA MAHESH
28	Agricultural Biotechnology	MOHAMMED MUZAMMIL ALTHAF
29	Agricultural Biotechnology	PEDDIGANI VAMSI LATHA
30	Agricultural Biotechnology	GOPIREDDY SHIVA REDDY
31	Agricultural Biotechnology	MANCHALA NANDHA OBULA REDDY
32	Agricultural Biotechnology	JASMINE M
33	Agricultural Biotechnology	BOLLINENI DEEPIKA
34	Agricultural Biotechnology	SHAHIRA A
35	Agricultural Biotechnology	TANGUTURI MADHULATHA
36	Agricultural Biotechnology	BHAGYALAKSHMI S
37	Agricultural Biotechnology	AJAY D
38	Agricultural Biotechnology	MANOJ KARTHIKEYAN A R
39	Agricultural Biotechnology	PRIYANKA S
40	Agricultural Biotechnology	SADHAN KUMAR R



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41	Agricultural Biotechnology	DURGA DEVI L
42	Agricultural Biotechnology	MAHENDRAN K
43	Agricultural Biotechnology	DHANUSH S
44	Agricultural Biotechnology	V MONISH
45	Agricultural Biotechnology	SOUMYA RANJAN



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SCHEDULE FOR TRAINING COURSE

S.NO	TOPIC	DATE	TIME
1	Introduction to disability studies and human development	05/01/2018	1.30P.M -4.30 P.M
2	Understanding the disability	12/01/2018	1.30P.M -4.30 P.M
3	Understanding the learning disabilities	19/01/2018	1.30P.M -4.30 P.M
4	Models of disability	26/01/2018	1.30P.M - 4.30 P.M
5	Human rights model	02/02/2018	1.30P.M - 4.30 P.M
6	Inclusive education	09/02/2018	1.30P.M -4.30 P.M
7	Policies and programmes of inclusive education	16/02/2018	1.30P.M -4.30 P.M
8	Special education Vs inclusive education	23/02/2018	1.30P.M -4.30 P.M
9	Ministry of human resource development (MHRD) action plan	02/03/2018	1.30P.M -4.30 P.M
10	Mode of special education in schools of India	09/03/2018	1.30P.M -4.30 P.M
		Total	30 hours



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(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)



SCHOOL OF BASIC SCIENCES

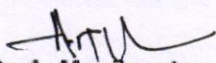
A training program on

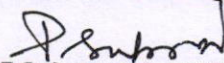
"Certificate Course On Introduction To Disability Studies And Human Development"

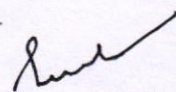
Certificate of Appreciation

This is to certify that Seela Raviteja
ABT

.....attended the training program on *Introduction to Disability studies and Human Development* held during 05/01/2018 to 09/03/2018 organized by School of Basic Sciences, Bharath Institute of Higher Education and Research, Selaiyur, Chennai-600073.


Dr. A. Manikandan
(Convener)


Dr. P. Subramanian (TNTEU)
(Resource Person)


Dr. T. Lakshmikandhan
(Coordinator)



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Students are attending the Introduction to disability studies and human development programme



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FEEDBACK FORM

<u>Criteria</u>	<u>Strongly</u> <u>Agree</u> <u>(3)</u>	<u>Agree</u> <u>(2)</u>	<u>Disagree</u> <u>(1)</u>
Training was relevant to my needs		✓	
Materials provided were helpful	✓		
Length of training program was sufficient	✓		
Content was well organized	✓		
Questions were engaged	✓		
Instructions were clear and understandable	✓		
Training met my expectations	✓		
The presentations were effective	✓		

Q. Sabitha
IBT.

Artu
Dr. A. MANIKANDAN
M.Sc., M.Phil., M.Ed., M.Phil, Ph.D.,
Professor & Head
Department of Science & Humanities
Bharath Institute of Higher Education & Research
Chennai - 600 073, India



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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FEEDBACK FORM

<u>Criteria</u>	<u>Strongly</u> <u>Agree</u> <u>(3)</u>	<u>Agree</u> <u>(2)</u>	<u>Disagree</u> <u>(1)</u>
Training was relevant to my needs		✓	
Materials provided were helpful	✓		
Length of training program was sufficient	✓		
Content was well organized	✓		
Questions were engaged	✓		
Instructions were clear and understandable	✓		
Training met my expectations	✓		
The presentations were effective	✓		

S. Dharmaraj
ABT.

Dr. A. Manikandan

Dr. A. MANIKANDAN
M.Sc., M.Phil., M.Ed., M.Phil, Ph.D.,
Professor & Head
Department of Science & Humanities
Bharath Institute of Higher Education & Research
Chennai - 600 073. India



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SCHOOL OF BASIC SCIENCE

Date: 30.11.2017

CIRCULAR

Sub: Organising Value added Course: Courses on Introduction to Healthcare Informatics- reg.,

With reference to the above mentioned subject, we bring it to your notice that School of Basic Science, Bharath Institute of Higher Education & Research is organising **Value added course "Introduction to Healthcare Informatics"**. The syllabus and registration form is enclosed below.

The candidates those who are interested to join must fill the registration form and submit to the Course Coordinator Dr.P.Paulraj, School of Basic Science on or before 25.12.2017. The Registration form received after the mentioned date shall not be entertained under any circumstances.

Encl: A copy of Syllabus & Registration form

Copy To:

- 1.All HODs
- 2.Office File/ Notice Board
- 3.Course Coordinator

[Signature]
Dean Arts & Science
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Chennai-600 073, INDIA

Bharath Institute of Higher Education & Research
School of Basic Science
Lesson Plan

Value Added Course: Courses on Introduction to Healthcare Informatics Course Duration:30 Hrs				
S.No	Date	Topic	Time	Hour
1	30/12/2017	Introduction to Public Health Evolution of Public Health	10.00-11.00a.m	1
2	01-02-18	Important Public Health Acts	2.00-3.00a.m	1
3	01-03-18	Health problems of developed and developing countries	2.00-3.00p.m	1
4	01-04-18	Health problems in India, Environment and Health.	2.00-4.00p.m	2
5	01-05-18	Basic Epidemiology Definition and Concepts of Epidemiology	2.00-4.00p.m	2
6	01-08-18	Concepts of Health and Disease.	2.00-4.00p.m	2
7	01-09-18	Role of Genetics in Health and Disease	2.00-4.00p.m	2
8	01-10-18	Levels of Prevention	2.00-4.00p.m	2
9	01-11-18	Types of Epidemiology, Uses of Epidemiology.	2.00-3.00p.m	1
10	01-12-18	Health Systems in India Health planning in India including various committees	2.00-4.00p.m	2
11	22/1/2018	National Health Policy and Health Goals set from time to time	2.00-4.00p.m	2
12	23/1/2018	Organised sector with reference to Centre	2.00-4.00p.m	2
13	24/1/2018	State, District and Block level structures and local bodies and Panchayati Raj Organisation	2.00-4.00p.m	2
14	25/1/2018	functions of community health centres and Primary Health Centres (PHCs).	2.00-4.00p.m	2
15	26/1/2018	Health Manpower	2.00-4.00p.m	2
16	29/1/2018	Primary Health care and concept	2.00-4.00p.m	2
17	30/1/2018	Alternative systems of medicine, like Ayurveda, Homeopathy, etc. Holistic Approach Non-Governmental Organisations (NGOs)	2.00-4.00p.m	2

Bharath Institute of Higher Education & Research
School of Basic Science
Course TimeTable

Value Added Course: Introduction to Healthcare Informatics

Course Duration:30 Hrs

S.No	Date	Time	Hour
1	30/12/2017	10.00-11.00a.m	1
2	01-02-18	2.00-3.00a.m	1
3	01-03-18	2.00-3.00p.m	1
4	01-04-18	2.00-4.00p.m	2
5	01-05-18	2.00-4.00p.m	2
6	01-08-18	2.00-4.00p.m	2
7	01-09-18	2.00-4.00p.m	2
8	01-10-18	2.00-4.00p.m	2
9	01-11-18	2.00-3.00p.m	1
10	01-12-18	2.00-4.00p.m	2
11	22/1/2018	2.00-4.00p.m	2
12	23/1/2018	2.00-4.00p.m	2
13	24/1/2018	2.00-4.00p.m	2
14	25/1/2018	2.00-4.00p.m	2
15	26/1/2018	2.00-4.00p.m	2
16	29/1/2018	2.00-4.00p.m	2
17	30/1/2018	2.00-4.00p.m	2



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Course Feedback form

Value Added Course

Date: 4.01.2018

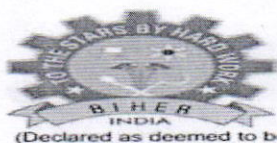
Course Title: Introduction to Healthcare Informatics

Name: **K. SUMAIA BANU**
RegNo: **U17C2018**
Department: **CHEMISTRY**

S.No	Particulars	1	2	3	4	5
(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very Satisfied)						
1.	Ojectives of the course clear to you					✓
2.	Course contents met with your expectations					✓
3.	Lecture sequence was well planned					✓
4.	Lectures were clear and easy to understand					✓
5.	Teaching aids were effective					✓
6.	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:

K. Sumaiya Banu
Signature



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SCHOOL OF BASIC SCIENCE

Course Feedback form

Value Added Course

Date: 4.01.2018

Course Title: Introduction to Healthcare Informatics

Name:

D. GOWTHAM

RegNo:

V17CF020

Department:

CHEMISTRY

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.	Course contents met with your expectations				✓	
3.	Lecture sequence was well planned					✓
4.	Lectures were clear and easy to understand				✓	
5.	Teaching aids were effective					✓
6.	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:

D. Gowtham
Signature



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SCHOOL OF BASIC SCIENCE



Resource Person Details

Dr.G. Nithya
Assistant Professor,
Department of Chemistry
Vels University
Chennai.



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SCHOOL OF BASIC SCIENCE

Registration Form

Value Added Course

Date: 29.01.2018

Name : K. Sumaiya RANU

Reg.No. : U17 CIO18

Gender : FEMALE

Department : CHEMISTRY

Year : 2018

Contact No. : 8056223034

Email ID : Sumaiya.banu7710@gmail.com

Course Applied For : Introduction of Health Care
Informatics

K. Sumaiya Ranu
Signature



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Registration Form

Value Added Course

Date: 24.01.18

Name : D. GOWTHAM

Reg.No. : U17 C 2020

Gender : MALE

Department : CHEMISTRY

Year : 2018

Contact No. : 9585 442462

Email ID : gowthandurai1702@gmail.com

Course Applied For : Introduction to Healthcare
Informatics

D. Gowtham
Signature

Bharath Institute of Higher Education & Research
School of Basic Science
Students Registration List
Value Added Course: Courses on Introduction to Healthcare Informatics

S.NO	REG.NO	NAME OF THE CANDIDATE	DEPARTMENT
1	U17CI001	R.FARZANA BEGUM	CHEMISTRY
2	U17CI002	A.DILSHATH BEGAM	CHEMISTRY
3	U17CI003	S.SATHIYA PRIYA	CHEMISTRY
4	U17CI004	K.ASHWIN	CHEMISTRY
5	U17CI005	A.RANJANI	CHEMISTRY
6	U17CI006	P.PREETHA	CHEMISTRY
7	U17CI007	A.DINAKARAN	CHEMISTRY
8	U17CI008	A.AISHWARYA	CHEMISTRY
9	U17CI009	P.ANTONY LEO SEBASTINE	CHEMISTRY
10	U17CI010	M.VIDYA	CHEMISTRY
11	U17CI011	B.LOGESHWARY	CHEMISTRY
12	U17CI013	R.SANDHIYA	CHEMISTRY
13	U17CI014	V.MOHAN RAJ	CHEMISTRY
14	U17CI015	R.SETHURAMAN	CHEMISTRY
15	U17CI016	S.YUKESH	CHEMISTRY
16	U17CI017	M.SARATHKUMAR	CHEMISTRY
17	U17CI018	K.SUMAIYA BANU	CHEMISTRY
18	U17CI019	D.MUKUNDA KUMAR	CHEMISTRY
19	U17CI020	D.GOWTHAM	CHEMISTRY
20	U17CI021	S.SUNDAR RAJ	CHEMISTRY
21	U17CI022	P.NAVEENKUMAR	CHEMISTRY
22	U17CI023	T.ROJA	CHEMISTRY
23	U17CI024	P.THAMILARASU	CHEMISTRY
24	U17CI025	M.SATHISH KUMAR	CHEMISTRY
25	U17CI026	K.DIVYA	CHEMISTRY
26	U17CI027	M.ANISHA	CHEMISTRY
27	U17CI028	N.SABITHA	CHEMISTRY
28	U17CI029	S.DEEPAK	CHEMISTRY
29	U17CI030	M.VALAIESWARI	CHEMISTRY
30	U17CI031	R.CHITRA	CHEMISTRY
31	U17CI032	N.ANISH	CHEMISTRY
32	U17CI033	J.KARTHIKEYAN	CHEMISTRY
33	U17CI034	C.RAJAGOPAL	CHEMISTRY
34	U17CI035	B.RAKESH	CHEMISTRY
35	U17CI036	K.VIJAYALAKSHMI	CHEMISTRY
36	U17CA001	P.BALAMURUGAN	BCA
37	U17CA017	PRABURAJ L	BCA
38	U17CA025	ISAC NEWTON M	BCA

39	U17CA031	POORNIMA G	BCA
40	U17CA041	SHALINI S	BCA
41	U17CA042	RAHUL S	BCA



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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SCHOOL OF BASIC SCIENCE

Value Added Course

Introduction to Healthcare Informatics

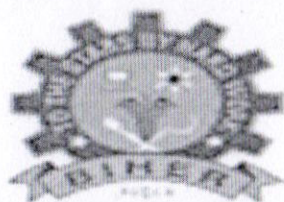
Syllabus

Introduction to Public Health Evolution of Public Health. Important Public Health Acts, Health problems of developed and developing countries, Health problems in India, Environment and Health.

Basic Epidemiology Definition and Concepts of Epidemiology, Concepts of Health and Disease. Role of Genetics in Health and Disease, Levels of Prevention, Types of Epidemiology, Uses of Epidemiology.

Health Systems in India Health planning in India including various committees and National Health Policy and Health Goals set from time to time. Organised sector with reference to Centre, State, District and Block level structures and local bodies and Panchayati Raj Organisation and functions of community health centres and Primary Health Centres (PHCs). Health Manpower, Primary Health care and concept,

Alternative systems of medicine, like Ayurveda, Homeopathy, etc. Holistic Approach Non-Governmental Organisations (NGOs) and Private Voluntary Organisations (PVOs). Unorganized Sector.



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH

School of Basic Science

83/3, Agaram Main Road, Thiruvancherry, Chennai-600 126, Tamilnadu, India.

Certificate of participation

This is to certify that

S.SATHYA PRIYA

has participated in the value added course: Introduction to Health care Informatics, a unique and special program held at School of Basic Science, BIHER from December 30, 2017 to January 30, 2018.

Dr. P. Paulraj
Course Co-ordinator

Dr. G. Padmapriya
Convener

Dr. A. Muthukumaravel
Dean- Arts & Science



Bharath

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SCHOOL OF BASIC SCIENCE

Date : 4.5.2018

CIRCULAR

Sub: Organising Value added Course: Measurement of system analysis- reg.,

With reference to the above mentioned subject, we bring it to your notice that School of Basic Science, Bharath Institute of Higher Education & Research is organising **Value added course "Measurement of system analysis"**. The syllabus and registration form is enclosed below.

The candidates those who are interested to join must fill the registration form and submit to the Course Coordinator Dr.P.PAULRAJ, School of Basic Science on or before 23.06.2018. The Registration form received after the mentioned date shall not be entertained under any circumstances.

Encl: A copy of Syllabus & Registration form

Copy To:

1. All HODs
2. Office File/ Notice Board
3. Course Coordinator


Dean- Arts and Science
Dea Faculty of Arts & Science
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Chennai-600 073. INDIA

Bharath Institute of Higher Education & Research
SCHOOL OF BASIC SCIENCE
Lesson Plan

Value Added Course: Measurement system analysis			Course Duration:30 Hrs	
S.No	Date	Topic	Time	Hour
1	04-06-18	Introduction of Measurement system analysis	2.00-3.00p.m	1
2	05-06-18	Errors: Expected Uncertainty & Probability and Statistics	2.00-3.00 p.m	1
3	06-06-18	Lab Safety, Report Writing and Graphing	2.00-3.00 p.m	1
4	07-06-18	Instrument Characteristics and Zero Order Systems	2.00-4.00 p.m	2
5	08-06-18	Force and Strain Measurements	2.00-4.00 p.m	2
6	09-06-18	Temperature Measurements	10.30-12.30 a.m	2
7	11-06-18	Pressure Measurements	2.00-4.00 p.m	2
8	12-06-18	Flow Measurements	2.00-4.00 p.m	2
9	13-06-18	Rotational Frequency Measurements	2.00-3.00p.m	1
10	14-06-18	Power Measurements	2.00-4.00 p.m	2
11	15-06-18	Drag Force	2.00-4.00p.m	2
12	16-06-18	Measurement System Behavior: First Order Systems	10.30-12.30 a.m	2
13	18-06-18	Computerized Data Acquisition	2.00-4.00p.m	2
14	19-06-18	Heat Transfer Basics	2.00-4.00 p.m	2
15	20-06-18	Dynamic Response of a Thermocouple	2.00-4.00 p.m	2
16	21-06-18	Measurement System Behavior: Second Order Systems	2.00-4.00 p.m	2
17	22-06-18	Analysis of A U-Tube Manometer	2.00-4.00 p.m	2

Bharath Institute of Higher Education & Research
School of Basic Science
Course TimeTable

Value Added Course: Measurement system analysis

Course Duration:30 Hrs

S.No	Date	Time	Hour
1	04-06-18	2.00-3.00p.m	1
2	05-06-18	2.00-3.00 p.m	1
3	06-06-18	2.00-3.00 p.m	1
4	07-06-18	2.00-4.00 p.m	2
5	08-06-18	2.00-4.00 p.m	2
6	09-06-18	10.30-12.30 a.m	2
7	11-06-18	2.00-4.00 p.m	2
8	12-06-18	2.00-4.00 p.m	2
9	13-06-18	2.00-3.00p.m	1
10	14-06-18	2.00-4.00 p.m	2
11	15-06-18	2.00-4.00p.m	2
12	16-06-18	10.30-12.30 a.m	2
13	18-06-18	2.00-4.00p.m	2
14	19-06-18	2.00-4.00 p.m	2
15	20-06-18	2.00-4.00 p.m	2
16	21-06-18	2.00-4.00 p.m	2
17	22-06-18	2.00-4.00 p.m	2



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Course Feedback form

Value Added Course


Date: 28/6/2018

Course Title: Measurement system analysis

Name: M. Satish Kumar
RegNo: U17CI025
Department: Chemistry

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.	Course contents met with your expectations				✓	
3.	Lecture sequence was well planned					✓
4.	Lectures were clear and easy to understand				✓	
5.	Teaching aids were effective					✓
6.	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:


Signature



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Course Feedback form

Value Added Course

Date: 28/6/2018

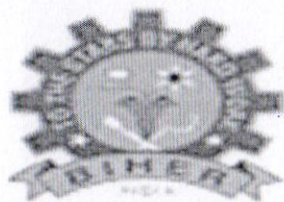
Course Title: Measurement system analysis

Name: B. Rakesh
RegNo: U17CI035
Department: Chemistry

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.	Course contents met with your expectations					✓
3.	Lecture sequence was well planned				✓	
4.	Lectures were clear and easy to understand				✓	
5.	Teaching aids were effective					✓
6.	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:

Rakesh
Signature



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

School of Basic Science

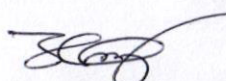
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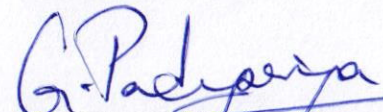
Certificate of participation

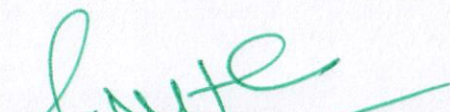
This is to certify that

B. LOGESHWARY

has participated in the value added course: Measurement system analysis, a unique and special program held at School of Basic Science, BIHER from June 4, 2018 to June 22, 2018.


Dr. P. Paulraj
Course Co-ordinator


Dr. G. Padmapriya
Convener


Dr. A. Muthukumaravel
Dean- Arts & Science



Sharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE



Resource Person Details

Dr.Dr . S. Arul Antony
Asso. Prof and Head,
Department of Chemistry,
Presidency College,
Chennai -600005



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Registration Form

Value Added Course

Date: 19/5/2018

Name : M. SATISHKUMAR

Reg.No. : U17CI025

Gender : MALE

Department : CHEMISTRY

Year : 2017

Contact No. : 8190081492

Email ID : sandysatish@gmail.com

Course Applied For : Measurement of system analysis

nsf
Signature



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Registration Form

Value Added Course

Date: 18/5/2018

Name : B. RAKESH

Reg.No. : U17CI035

Gender : Male

Department : Chemistry

Year : 2017

Contact No. : 8682025033

Email ID : rakesh0143@gmail.com

Course Applied For : Measurement of system analysis


Signature

Bharath Institute of Higher Education & Research
School of Basic Science
Students Registration List
Value Added Course: Measurement system analysis

S.NO	REG.NO	NAME OF THE CANDIDATE	DEPARTMENT
1	U17CI001	R.FARZANA BEGUM	CHEMISTRY
2	U17CI002	A.DILSHATH BEGAM	CHEMISTRY
3	U17CI003	S.SATHIYA PRIYA	CHEMISTRY
4	U17CI004	K.ASHWIN	CHEMISTRY
5	U17CI005	A.RANJANI	CHEMISTRY
6	U17CI006	P.PREETHA	CHEMISTRY
7	U17CI007	A.DINAKARAN	CHEMISTRY
8	U17CI008	A.AISHWARYA	CHEMISTRY
9	U17CI009	P.ANTONY LEO SEBASTINE	CHEMISTRY
10	U17CI010	M.VIDYA	CHEMISTRY
11	U17CI011	B.LOGESHWARY	CHEMISTRY
12	U17CI013	R.SANDHIYA	CHEMISTRY
13	U17CI014	V.MOHAN RAJ	CHEMISTRY
14	U17CI015	R.SETHURAMAN	CHEMISTRY
15	U17CI016	S.YUKESH	CHEMISTRY
16	U17CI017	M.SARATHKUMAR	CHEMISTRY
17	U17CI018	K.SUMAIYA BANU	CHEMISTRY
18	U17CI019	D.MUKUNDA KUMAR	CHEMISTRY
19	U17CI020	D.GOWTHAM	CHEMISTRY
20	U17CI021	S.SUNDAR RAJ	CHEMISTRY
21	U17CI022	P.NAVEENKUMAR	CHEMISTRY
22	U17CI023	T.ROJA	CHEMISTRY
23	U17CI024	P.THAMILARASU	CHEMISTRY
24	U17CI025	M.SATHISH KUMAR	CHEMISTRY
25	U17CI026	K.DIVYA	CHEMISTRY
26	U17CI027	M.ANISHA	CHEMISTRY
27	U17CI028	N.SABITHA	CHEMISTRY
28	U17CI029	S.DEEPAK	CHEMISTRY
29	U17CI030	M.VALAIESWARI	CHEMISTRY
30	U17CI031	R.CHITRA	CHEMISTRY
31	U17CI032	N.ANISH	CHEMISTRY
32	U17CI033	J.KARTHIKEYAN	CHEMISTRY
33	U17CI034	C.RAJAGOPAL	CHEMISTRY
34	U17CI035	B.RAKESH	CHEMISTRY
35	U17CI036	K.VIJAYALAKSHMI	CHEMISTRY
36	U17CA001	P.BALAMURUGAN	BCA
37	U17CA017	PRABURAJ L	BCA
38	U17CA025	ISAC NEWTON M	BCA

39	U17CA031	POORNIMA G	BCA
40	U17CA041	SHALINI S	BCA
41	U17CA042	RAHUL S	BCA
42	U17CA060	DEENA S	BCA
43	U17CA063	ASWIN S	BCA
44	U17CA072	PRAVEEN M	BCA
45	U17CA073	RAKUL K	BCA



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Value Added Course

Measurement system analysis

Syllabus

- 1.Introduction of Measurement system analysis
- 2.Errors: Expected Uncertainty & Probability and Statistics
3. Lab Safety, Report Writing and Graphing
4. Instrument Characteristics and Zero Order Systems
5. Force and Strain Measurements
6. Temperature Measurements
- 7.Pressure Measurements
- 8.Flow Measurements
9. Rotational Frequency Measurements
- 10.Power Measurements
- 11.Drag Force
12. Measurement System Behavior: First Order Systems
13. Computerized Data Acquisition
14. Heat Transfer Basics
- 15.Dynamic Response of a Thermocouple
16. Measurement System Behavior: Second Order Systems
- 17.Analysis of A U-Tube Manometer



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

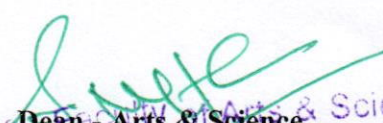
Date : 30.11.2017

CIRCULAR

Sub: Organising Value added Course: Short term course on cultural issues in the health care- reg.,

With reference to the above mentioned subject, we bring it to your notice that School of Arts & science, Bharath Institute of Higher Education & Research is organising **Value added course "Short term course on cultural issues in the health care"**. The syllabus and registration form is enclosed below.

The candidates those who are interested to join must fill the registration form and submit to the Course Coordinator Dr. P. Paulraj, School of Basic Science on or before 23.11.2017. The Registration form received after the mentioned date shall not be entertained under any circumstances.


Dean Arts & Science
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act, 1956)
Chennai-600 073. INDIA

Encl: A copy of Syllabus & Registration form

Copy To:

- 1.All HODs
- 2.Office File/ Notice Board
- 3.Course Coordinator

Bharath Institute of Higher Education & Research
School of Basic Science
Lesson Plan

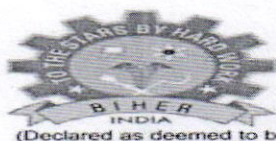
Value Added Course: Short term course on cultural issues in the health care				
Course Duration:30 Hrs				
S.No	Date	Topic	Time	Hour
1	02-01-18	Introductions to each other and to HP 401. Preliminary syllabus review. All About You. Your expectations.	2.00-3.00p.m	1
2	03-01-18	Overview and definitions of cultural competency. In-depth syllabus review. Important skills for approaching a patient from another culture.	2.00-3.00 p.m	1
3	04-01-18	Body language and communication. Establishing a knowledge structure. Avoiding stereotyping. The L-E-A-R-N Model of the Cross Cultural Encounter	2.00-3.00 p.m	1
4	05-01-18	Strategies for cultural assessments in clinical interactions	2.00-4.00 p.m	2
5	06-01-18	Working with Non-Western Healers. Traditional and alternative medical practices.	10.30-12.30 a.m	2
6	08-01-18	Exercise in culturally competent care- Aroon in Pain.	2.00-4.00 p.m	2
7	09-01-18	Issues of language and communication. Skills that facilitate cross-cultural communication.	2.00-4.00 p.m	2
8	10-01-18	Issues of language and communication, con't. Health and religion. Patient-centered medical practice	2.00-4.00 p.m	2
9	11-01-18	Malpractice reduction. Minimizing conflict. Informed Consent. Liability/malpractice issues	2.00-3.00p.m	1
10	12-01-18	Death and dying: issues in bereavement. Exercise in culturally competent care	2.00-4.00 p.m	2
11	22-01-18	Assessing degree of patient medical literacy. Language and the law	2.00-4.00p.m	2
12	23-01-18	Skills for working with interpreters. Patient compliance and positive health outcomes	2.00-4.00 p.m	2
13	24-01-18	Student Presentations. Activity	2.00-4.00p.m	2
14	25-01-18	Building a network of culturally informed resources.	2.00-4.00 p.m	2
15	26-01-18	Wrap-up and conclusion	2.00-4.00 p.m	2
16	27-01-18	cultural competency in your professional life	10.30-12.30 a.m	2
17	29-01-18	Review for final exam.	2.00-4.00 p.m	2

Bharath Institute of Higher Education & Research
School of Basic Science
Course TimeTable

Value Added Course: Short term course on cultural issues in the health care

Course Duration:30 Hrs

S.No	Date	Time	Hour
1	02-01-18	2.00-3.00p.m	1
2	03-01-18	2.00-3.00 p.m	1
3	04-01-18	2.00-3.00 p.m	1
4	05-01-18	2.00-4.00 p.m	2
5	06-01-18	10.30-12.30 a.m	2
6	08-01-18	2.00-4.00 p.m	2
7	09-01-18	2.00-4.00 p.m	2
8	10-01-18	2.00-4.00 p.m	2
9	11-01-18	2.00-3.00p.m	1
10	12-01-18	2.00-4.00 p.m	2
11	22-01-18	2.00-4.00p.m	2
12	23-01-18	2.00-4.00 p.m	2
13	24-01-18	2.00-4.00p.m	2
14	25-01-18	2.00-4.00 p.m	2
15	26-01-18	2.00-4.00 p.m	2
16	27-01-18	10.30-12.30 a.m	2
17	29-01-18	2.00-4.00 p.m	2



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Course Feedback form

Value Added Course

Date: 07.02.2018

Course Title: Short term course on cultural issues in the health care

Name: R. SANDHYA

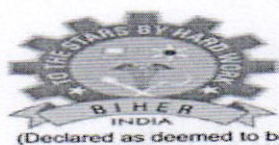
RegNo: V17C1013

Department: CHEMISTRY

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.	Course contents met with your expectations					✓
3.	Lecture sequence was well planned					✓
4.	Lectures were clear and easy to understand					✓
5.	Teaching aids were effective					✓
6.	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:

R. Sandhya
Signature



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Course Feedback form

Value Added Course

Date: 07.02.2018

Course Title: Short term course on cultural issues in the health care

Name: V. MOHANKARAJ
RegNo: U17C1014
Department: CHEMISTRY

S.No	Particulars	1	2	3	4	5
(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very Satisfied)						
1.	Ojectives of the course clear to you				✓	
2.	Course contents met with your expectations					✓
3.	Lecture sequence was well planned					✓
4.	Lectures were clear and easy to understand				✓	
5.	Teaching aids were effective					✓
6.	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:

V. Mohankaraj.
Signature



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE



Resource Person Details

Dr.K.N. Porchelvi

Asst. Prof,

Department of chemistry,

A.M. Jain College,

Meenambakkam.



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Registration Form

Value Added Course

Date: 27.01.18

Name : V. MOHAN RAJ

Reg.No. : U17C2014

Gender : MALE

Department : CHEMISTRY

Year : 2018

Contact No. : 97150 14027

Email ID : mohamraj2000vijayan@gmail.com

Course Applied For : Short term Course on Cultural Issues in the health care

V. Mohanraj
Signature



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Registration Form

Value Added Course

Date: 27.01.18

Name : R. SANDHIYA

Reg.No. : U17CI013

Gender : FEMALE

Department : CHEMISTRY

Year : 2018

Contact No. : 9688743694

Email ID : Sandhiya2001@gmail.com

Course Applied For : SHORT TERM COURSE ON CULTURAL ISSUES
IN THE HEALTH CARE

R. Sandhiya
Signature



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

School of Basic Science

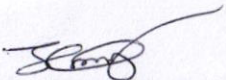
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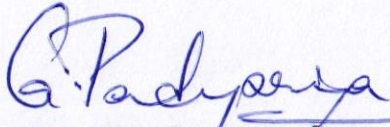
Certificate of participation

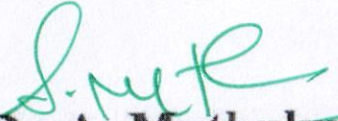
This is to certify that

M. SARATHKUMAR

has participated in the value added course: Short term course on Culture issues in Health care, a unique and special program held at School of Basic Science, BIHER from January 2, 2018 to January 29, 2018.


Dr. P. Paulraj
Course Co-ordinator


Dr. G. Padmapriya
Convener


Dr. A. Muthukumaravel
Dean- Arts & Science

Bharath Institute of Higher Education & Research

School of Arts & Science

Students Registration List

Value Added Course: Short term course on cultural issues in the health care

S.NO	REG.NO	NAME OF THE CANDIDATE	DEPARTMENT
1	U17CI001	R.FARZANA BEGUM	CHEMISTRY
2	U17CI002	A.DILSHATH BEGAM	CHEMISTRY
3	U17CI003	S.SATHIYA PRIYA	CHEMISTRY
4	U17CI004	K.ASHWIN	CHEMISTRY
5	U17CI005	A.RANJANI	CHEMISTRY
6	U17CI006	P.PREETHA	CHEMISTRY
7	U17CI007	A.DINAKARAN	CHEMISTRY
8	U17CI008	A.AISHWARYA	CHEMISTRY
9	U17CI009	P.ANTONY LEO SEBASTINE	CHEMISTRY
10	U17CI010	M.VIDYA	CHEMISTRY
11	U17CI011	B.LOGESHWARY	CHEMISTRY
12	U17CI013	R.SANDHIYA	CHEMISTRY
13	U17CI014	V.MOHAN RAJ	CHEMISTRY
14	U17CI015	R.SETHURAMAN	CHEMISTRY
15	U17CI016	S.YUKESH	CHEMISTRY
16	U17CI017	M.SARATHKUMAR	CHEMISTRY
17	U17CI018	K.SUMAIYA BANU	CHEMISTRY
18	U17CI019	D.MUKUNDA KUMAR	CHEMISTRY
19	U17CI020	D.GOWTHAM	CHEMISTRY
20	U17CI021	S.SUNDAR RAJ	CHEMISTRY
21	U17CI022	P.NAVEENKUMAR	CHEMISTRY
22	U17CI023	T.ROJA	CHEMISTRY
23	U17CI024	P.THAMILARASU	CHEMISTRY
24	U17CI025	M.SATHISH KUMAR	CHEMISTRY
25	U17CI026	K.DIVYA	CHEMISTRY
26	U17CI027	M.ANISHA	CHEMISTRY
27	U17CI028	N.SABITHA	CHEMISTRY
28	U17CI029	S.DEEPAK	CHEMISTRY
29	U17CI030	M.VALAIESWARI	CHEMISTRY
30	U17CI031	R.CHITRA	CHEMISTRY
31	U17CI032	N.ANISH	CHEMISTRY
32	U17CI033	J.KARTHIKEYAN	CHEMISTRY
33	U17CI034	C.RAJAGOPAL	CHEMISTRY
34	U17CI035	B.RAKESH	CHEMISTRY
35	U17CI036	K.VIJAYALAKSHMI	CHEMISTRY
36	U17CA001	P.BALAMURUGAN	BCA
37	U17CA017	PRABURAJ L	BCA
38	U17CA025	ISAC NEWTON M	BCA

39	U17BA004	KARTHICK J	BCA
40	U17BA007	ABHISHEK J	BBA
41	U17BA013	PRAGADEESH K	BBA
42	U17BA018	MAHENDER SURESH KHONDE	BBA
43	U17BA022	MONISHA S	BBA
44	U17BA023	C MADHAN	BBA
45	U17MI002	JOTHIKA S	BBA



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF ARTS & SCIENCE

Value Added Course

Short term course on cultural issues in the health care

Syllabus

1. Introductions to each other and to HP 401. Preliminary syllabus review. All About You. Your expectations. –
2. Overview and definitions of cultural competency. In-depth syllabus review. Important skills for approaching a patient from another culture.
3. Body language and communication. Establishing a knowledge structure. Avoiding stereotyping. The L-E-A-R-N Model of the Cross Cultural Encounter
4. Strategies for cultural assessments in clinical interactions
5. Working with Non-Western Healers. Traditional and alternative medical practices.
6. Exercise in culturally competent care- Aroon in Pain.
7. Issues of language and communication. Skills that facilitate cross-cultural communication.
8. Issues of language and communication, con't. Health and religion. Patient-centered medical practice
9. Malpractice reduction. Minimizing conflict. Informed Consent. Liability/malpractice issues
10. Death and dying: issues in bereavement. Exercise in culturally competent care
11. Assessing degree of patient medical literacy. Language and the law
12. Skills for working with interpreters. Patient compliance and positive health outcomes
13. Student Presentations. Activity
14. Building a network of culturally informed resources.
15. Wrap-up and conclusion
16. cultural competency in your professional life
17. Review for final exam.



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F-9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Date : 30.10.2017

CIRCULAR

Sub: Organising Value added Course: Short term Courses on Epidemiology for Public Health Specialization - reg.,

With reference to the above mentioned subject, we bring it to your notice that School of Basic Science, Bharath Institute of Higher Education & Research is organising **Value added course "Short term Courses on Epidemiology for Public Health Specialization"**. The syllabus and registration form is enclosed below.

The candidates those who are interested to join must fill the registration form and submit to the Course Coordinator Dr. P. Paulraj, School of Basic Science, Applications on or before 25.11.2017. The Registration form received after the mentioned date shall not be entertained under any circumstances.


Dean- Arts & Science

Encl: A copy of Syllabus & Registration form

Copy To:

- 1.All HODs
- 2.Office File/ Notice Board
- 3.Course Coordinator

Dean-Faculty of Arts & Science
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Chennai-600 073. INDIA

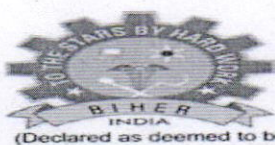
Bharath Institute of Higher Education & Research
School of Basic Science
Lesson Plan

Value Added Course: Short term Courses on Epidemiology for Public Health Specialization Course Duration:30 Hrs				
S.No	Date	Topic	Time	Hour
1	30-11-17	Define epidemiology	2.00-3.00p.m	1
2	01-12-17	Describe how it is used in public health, and recognize how exposure	2.00-3.00p.m	1
3	02-12-17	Disease and health states may vary based on person, place and time	10.30-11.30p.m	1
4	04-12-17	Identify, calculate and interpret measures of disease frequency	2.00-4.00p.m	2
5	05-12-17	Validity and reliability of epidemiology	2.00-4.00p.m	2
6	06-12-17	Associations (relative and absolute) as appropriate to the research question and study design	2.00-4.00p.m	2
7	07-12-17	Describe and compare and contrast the strengths	2.00-4.00p.m	2
8	08-12-17	weaknesses (biases) of epidemiologic study designs, including ecologic	2.00-4.00p.m	2
9	09-12-17	Cross-sectional, case-control, cohort, and clinical trials	10.30-11.30p.m	1
10	11-12-17	Inferences in determining the etiology	2.00-4.00p.m	2
11	12-12-17	Disease and other health states (e.g., aging, injury, mental health)	2.00-4.00p.m	2
12	13-12-17	Preventing disease and improving health	2.00-4.00p.m	2
13	14-12-17	Summarize how epidemiologic methods	2.00-4.00p.m	2
14	15-12-17	Inferences are used in public health practice	2.00-4.00p.m	2
15	16-12-17	Including in conducting outbreak investigation and surveillance	10.30-12.30p.m	2
16	18-12-17	Evaluating screening programs and health interventions	2.00-4.00p.m	2
17	19-12-17	Developing health and environmental policy	2.00-4.00p.m	2

Bharath Institute of Higher Education & Research
School of Basic Science
Course TimeTable

Value Added Course: Short term Courses on Epidemiology for Public Health Specialization Course Duration:30 Hrs

S.No	Date	Time	Hour
1	30-11-17	2.00-3.00p.m	1
2	01-12-17	2.00-3.00p.m	1
3	02-12-17	10.30-11.30p.m	1
4	04-12-17	2.00-4.00p.m	2
5	05-12-17	2.00-4.00p.m	2
6	06-12-17	2.00-4.00p.m	2
7	07-12-17	2.00-4.00p.m	2
8	08-12-17	2.00-4.00p.m	2
9	09-12-17	10.30-11.30p.m	1
10	11-12-17	2.00-4.00p.m	2
11	12-12-17	2.00-4.00p.m	2
12	13-12-17	2.00-4.00p.m	2
13	14-12-17	2.00-4.00p.m	2
14	15-12-17	2.00-4.00p.m	2
15	16-12-17	10.30-12.30p.m	2
16	18-12-17	2.00-4.00p.m	2
17	19-12-17	2.00-4.00p.m	2



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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SCHOOL OF ARTS & SCIENCE

Course Feedback form

Value Added Course

Date: 19.12.2017

Course Title: Short term Courses on Epidemiology for Public Health Specialization

Name: S. Yukesh
Reg.No: U17C2016
Department: Chemistry

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.	Course contents met with your expectations					✓
3.	Lecture sequence was well planned					✓
4.	Lectures were clear and easy to understand					✓
5.	Teaching aids were effective				✓	
6.	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:

S. Yukesh.
Signature



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SCHOOL OF ARTS & SCIENCE

Course Feedback form

Value Added Course

Date: 19.12.2017

Course Title: Short term Courses on Epidemiology for Public Health Specialization

Name: D. MUKUNDA KUMAR

Reg.No: U17CI019

Department: CHEMISTRY

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.	Course contents met with your expectations					✓
3.	Lecture sequence was well planned				✓	
4.	Lectures were clear and easy to understand					✓
5.	Teaching aids were effective				✓	
6.	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:

D. Mukundakumar
Signature



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SCHOOL OF BASIC SCIENCE



Resource Person Details

Dr.S.Sunitha

Associate Professor

Department of Chemistry

National College,

Trichy



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SCHOOL OF BASIC SCIENCE

Registration Form

Value Added Course

Date: 20.11.17

Name : S. Yakesh.

Reg.No. : 017C1016

Gender : Male

Department : Chemistry

Year : 2017

Contact No. : 8608802167

Email ID : yakeshviyay007@gmail.com

Course Applied For : Short term Courses on Epidemiology for
Health Specialization

S. Yakesh.
Signature



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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SCHOOL OF BASIC SCIENCE

Registration Form

Value Added Course

Date: 25.11.2017

Name : D. MUKUNDA KUMAR

Reg.No. : U17CE019

Gender : Male

Department : CHEMISTRY

Year : 2017

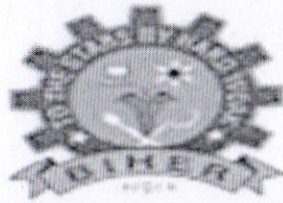
Contact No. : 9677058608

Email ID : mugund.dhanapal@gmail.com

Course Applied For : SHORT TERM COURSES ON EPIDEMIOLOGY
FOR HEALTH SPECIALIZATION

D. Mukund Kumar

Signature



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH

School of Basic Science


83/3, Agaram Main Road, Thiruvancherry, Chennai-600 126, Tamilnadu, India.

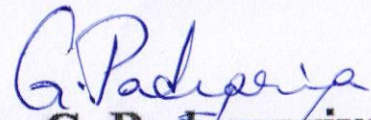
Certificate of participation

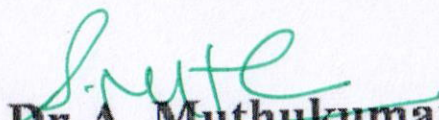
This is to certify that

R.CHITRA

has participated in the value added course: Short term course on Epidemiology for public Health specialization, a unique and special program held at School of Basic Science, BIHER from November 30, 2017 to December 19, 2017.

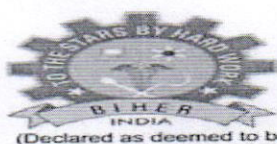

Dr. P. Paulraj
Course Co-ordinator


Dr. G. Padmapriya
Convener


Dr. A. Muthukumaravel
Dean- Arts & Science

Bharath Institute of Higher Education & Research**School of Basic Science****Students Registration List****Value Added Course: Short term Courses on Epidemiology for Public Health Specialization**

S.NO	REG.NO	NAME OF THE CANDIDATE	DEPARTMENT
1	U17CI001	R.FARZANA BEGUM	CHEMISTRY
2	U17CI002	A.DILSHATH BEGAM	CHEMISTRY
3	U17CI003	S.SATHIYA PRIYA	CHEMISTRY
4	U17CI004	K.ASHWIN	CHEMISTRY
5	U17CI005	A.RANJANI	CHEMISTRY
6	U17CI006	P.PREETHA	CHEMISTRY
7	U17CI007	A.DINAKARAN	CHEMISTRY
8	U17CI008	A.AISHWARYA	CHEMISTRY
9	U17CI009	P.ANTONY LEO SEBASTINE	CHEMISTRY
10	U17CI010	M.VIDYA	CHEMISTRY
11	U17CI011	B.LOGESHWARY	CHEMISTRY
12	U17CI013	R.SANDHIYA	CHEMISTRY
13	U17CI014	V.MOHAN RAJ	CHEMISTRY
14	U17CI015	R.SETHURAMAN	CHEMISTRY
15	U17CI016	S.YUKESH	CHEMISTRY
16	U17CI017	M.SARATHKUMAR	CHEMISTRY
17	U17CI018	K.SUMAIYA BANU	CHEMISTRY
18	U17CI019	D.MUKUNDA KUMAR	CHEMISTRY
19	U17CI020	D.GOWTHAM	CHEMISTRY
20	U17CI021	S.SUNDAR RAJ	CHEMISTRY
21	U17CI022	P.NAVEENKUMAR	CHEMISTRY
22	U17CI023	T.ROJA	CHEMISTRY
23	U17CI024	P.THAMILARASU	CHEMISTRY
24	U17CI025	M.SATHISH KUMAR	CHEMISTRY
25	U17CI026	K.DIVYA	CHEMISTRY
26	U17CI027	M.ANISHA	CHEMISTRY
27	U17CI028	N.SABITHA	CHEMISTRY
28	U17CI029	S.DEEPAK	CHEMISTRY
29	U17CI030	M.VALAIESWARI	CHEMISTRY
30	U17CI031	R.CHITRA	CHEMISTRY
31	U17CI032	N.ANISH	CHEMISTRY
32	U17CI033	J.KARTHIKEYAN	CHEMISTRY
33	U17CI034	C.RAJAGOPAL	CHEMISTRY
34	U17CI035	B.RAKESH	CHEMISTRY
35	U17CI036	K.VIJAYALAKSHMI	CHEMISTRY



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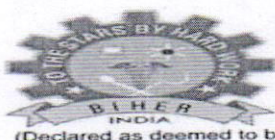
SCHOOL OF BASIC SCIENCE

Value Added Course

Short term Courses on Epidemiology for Public Health Specialization

Syllabus

1. Define epidemiology, describe how it is used in public health, and recognize how exposure, disease and health states may vary based on person, place and time
2. Identify, calculate and interpret measures of disease frequency, validity and reliability, and associations (relative and absolute) as appropriate to the research question and study design
3. Describe and compare and contrast the strengths and weaknesses (biases) of epidemiologic study designs, including ecologic, cross-sectional, case-control, cohort, and clinical trials
4. Explain the role of epidemiologic methods and inferences in determining the etiology of disease and other health states (e.g., aging, injury, mental health) in preventing disease and improving health
5. Summarize how epidemiologic methods and inferences are used in public health practice, including in conducting outbreak investigation and surveillance, evaluating screening programs and health interventions, and in developing health and environmental policy



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SCHOOL OF BASIC SCIENCE

Date : 29.11.2017

CIRCULAR

Sub: Organising Value added Course: Short term Courses on Health Care Organization- reg.,

With reference to the above mentioned subject, we bring it to your notice that School of Basic Science, Bharath Institute of Higher Education & Research is organising **Value added course "Short term Courses on Health Care Organization"**. The syllabus and registration form is enclosed below.

The candidates those who are interested to join must fill the registration form and submit to the Course Coordinator Dr. P. Paulraj, School of Basic Science, Applications on or before 23.12.2017. The Registration form received after the mentioned date shall not be entertained under any circumstances.

Encl: A copy of Syllabus & Registration form

Copy To:

- 1.All HODs
- 2.Office File/ Notice Board
- 3.Course Coordinator


Dean-Arts & Science
Dean Faculty of Arts & Science
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Chennai-600 073. INDIA

Bharath Institute of Higher Education & Research
School of Basic Science
Lesson Plan

Value Added Course: Short term Courses on Health Care Organization			Course Duration:30 Hrs	
S.No	Date	Topic	Time	Hour
1	30-12-17	Healthcare Policies and Regulations,	10.30-11.30p.m	1
2	02-01-18	Fundamentals of Healthcare Administration	2.00-3.00p.m	1
3	03-01-18	Organisation of Hospitals,	2.00-3.00p.m	1
4	04-01-18	Disease Control Management	2.00-4.00p.m	2
5	05-01-18	Medical-Legal Issues,	2.00-4.00p.m	2
6	06-01-18	Quality Assurance	10.30-12.30p.m	2
7	08-01-18	Administration of Hospital	2.00-4.00p.m	2
8	09-01-18	Healthcare Economics	2.00-4.00p.m	2
9	10-01-18	Information Management	2.00-3.00p.m	1
10	11-01-18	Healthcare Legislation, Anatomy	2.00-4.00p.m	2
11	12-01-18	Healthcare Planning	2.00-4.00p.m	2
12	22-01-18	Physiology	2.00-4.00p.m	2
13	23-01-18	Hospital Enterprises Management	2.00-4.00p.m	2
14	24-01-18	Medical terminologies	2.00-4.00p.m	2
15	25-01-18	Conflict management	2.00-4.00p.m	2
16	26-01-18	Epidemiology	2.00-4.00p.m	2
17	27-01-18	Health management, Principles of Management	2.00-4.00p.m	2

Bharath Institute of Higher Education & Research
School of Basic Science
Course TimeTable

Value Added Course: Short term Courses on Health Care Organization

Course Duration:30 Hrs

S.No	Date	Time	Hour
1	30-12-17	10.30-11.30p.m	1
2	02-01-18	2.00-3.00p.m	1
3	03-01-18	2.00-3.00p.m	1
4	04-01-18	2.00-4.00p.m	2
5	05-01-18	2.00-4.00p.m	2
6	06-01-18	10.30-12.30p.m	2
7	08-01-18	2.00-4.00p.m	2
8	09-01-18	2.00-4.00p.m	2
9	10-01-18	2.00-3.00p.m	1
10	11-01-18	2.00-4.00p.m	2
11	12-01-18	2.00-4.00p.m	2
12	22-01-18	2.00-4.00p.m	2
13	23-01-18	2.00-4.00p.m	2
14	24-01-18	2.00-4.00p.m	2
15	25-01-18	2.00-4.00p.m	2
16	26-01-18	2.00-4.00p.m	2
17	27-01-18	2.00-4.00p.m	2



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Course Feedback form

Value Added Course

Date:05.02.2018

Course Title:Short term Courses on Health Care Organization

Name: S. SATHIYA PRIYA

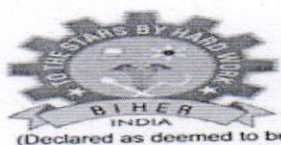
Reg.No: U17CI003

Department: CHEMISTRY

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.	Course contents met with your expectations					✓
3.	Lecture sequence was well planned					✓
4.	Lectures were clear and easy to understand					✓
5.	Teaching aids were effective					✓
6.	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:

S. Sathiyapriya
Signature



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(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Course Feedback form

Value Added Course

Date:05.02.2018

Course Title:Short term Courses on Health Care Organization

Name: S. Deepak

Reg.No: U17C1029

Department: Chemistry.

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.	Course contents met with your expectations					✓
3.	Lecture sequence was well planned					✓
4.	Lectures were clear and easy to understand					✓
5.	Teaching aids were effective					✓
6.	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:

S. Deepak
Signature



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SCHOOL OF BASIC SCIENCE

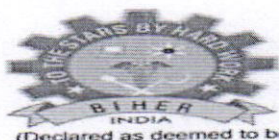


Resource Person Details

Dr. A. Muthukrishnaraj

Asst. Professor

Department of Chemistry,
SRM Institute of Science and Technology,
Ramapuram Campus, Chennai-600089.



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SCHOOL OF BASIC SCIENCE

Registration Form

Value Added Course

Date: 15.12.2017

Name : S. SATHIYA PRIYA

Reg.No. : U17CI003

Gender : FEMALE

Department : CHEMISTRY

Year : 2017

Contact No. : 996226 4991

Email ID : Sivakumarganesh37@gmail.com.

Course Applied For : Short term Courses on Health care organi-
-sation.

S. Sathiyapriya.
Signature



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SCHOOL OF BASIC SCIENCE

Registration Form

Value Added Course

Date: 17.12.2017

Name : S. Deepak

Reg.No. : U17CI029

Gender : Male

Department : Chemistry

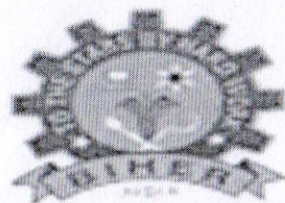
Year : 2017

Contact No. : 9790864693

Email ID : deepak.chem.2002@gmail.com

Course Applied For : Short term Courses on Health care organization.

S. Deepak
Signature



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH

School of Basic Science

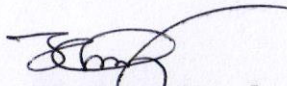
83/3, Agaram Main Road, Thiruvancherry, Chennai-600 126, Tamilnadu, India.

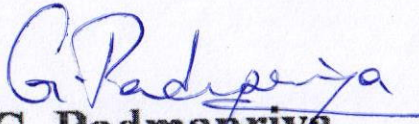
Certificate of participation

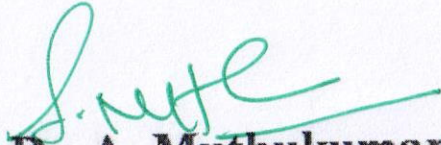
This is to certify that

C.RAJAGOPAL

has participated in the value added course: Short term course on Health care organization, a unique and special program held at School of Basic Science, BIHER from December 30, 2017 to January 27, 2018.


Dr. P. Paulraj
Course Co-ordinator


Dr. G. Padmapriya
HOD-CHEMISTRY


Dr. A. Muthukumaravel
Dean-Arts & Science

Bharath Institute of Higher Education & Research
School of Basic Science
Students Registration List
Value Added Course: Short term Courses on Health Care Organization

S.NO	REG.NO	NAME OF THE CANDIDATE	DEPARTMENT
1	U17CI001	R.FARZANA BEGUM	CHEMISTRY
2	U17CI002	A.DILSHATH BEGAM	CHEMISTRY
3	U17CI003	S.SATHIYA PRIYA	CHEMISTRY
4	U17CI004	K.ASHWIN	CHEMISTRY
5	U17CI005	A.RANJANI	CHEMISTRY
6	U17CI006	P.PREETHA	CHEMISTRY
7	U17CI007	A.DINAKARAN	CHEMISTRY
8	U17CI008	A.AISHWARYA	CHEMISTRY
9	U17CI009	P.ANTONY LEO SEBASTINE	CHEMISTRY
10	U17CI010	M.VIDYA	CHEMISTRY
11	U17CI011	B.LOGESHWARY	CHEMISTRY
12	U17CI013	R.SANDHIYA	CHEMISTRY
13	U17CI014	V.MOHAN RAJ	CHEMISTRY
14	U17CI015	R.SETHURAMAN	CHEMISTRY
15	U17CI016	S.YUKESH	CHEMISTRY
16	U17CI017	M.SARATHKUMAR	CHEMISTRY
17	U17CI018	K.SUMAIYA BANU	CHEMISTRY
18	U17CI019	D.MUKUNDA KUMAR	CHEMISTRY
19	U17CI020	D.GOWTHAM	CHEMISTRY
20	U17CI021	S.SUNDAR RAJ	CHEMISTRY
21	U17CI022	P.NAVEENKUMAR	CHEMISTRY
22	U17CI023	T.ROJA	CHEMISTRY
23	U17CI024	P.THAMILARASU	CHEMISTRY
24	U17CI025	M.SATHISH KUMAR	CHEMISTRY
25	U17CI026	K.DIVYA	CHEMISTRY
26	U17CI027	M.ANISHA	CHEMISTRY
27	U17CI028	N.SABITHA	CHEMISTRY
28	U17CI029	S.DEEPAK	CHEMISTRY
29	U17CI030	M.VALAIESWARI	CHEMISTRY
30	U17CI031	R.CHITRA	CHEMISTRY
31	U17CI032	N.ANISH	CHEMISTRY
32	U17CI033	J.KARTHIKEYAN	CHEMISTRY
33	U17CI034	C.RAJAGOPAL	CHEMISTRY
34	U17CI035	B.RAKESH	CHEMISTRY
35	U17CI036	K.VIJAYALAKSHMI	CHEMISTRY
36	U17PS005	BALAJI R	PHYSICS
37	U17PS006	MEGALA M	PHYSICS
38	U17PS014	MADESH M	PHYSICS

39	U17PS015	SHALINI M	PHYSICS
40	U17PS016	ELAYAKUMAR V	PHYSICS
41	U17PS023	AASHA N	PHYSICS
42	U17PS026	HARIHARAN G	PHYSICS
43	U17MI006	MONISHA R	MICRO
44	U17MI010	SHABANA YASMEEN A	MICRO
45	U17MI022	SURYA R	MICRO
46	U17MI023	MOHAN RAJ R	MICRO
47	U17MA009	KOLANGINATHAN P	MICRO
48	U17MA011	VIJAY B	MATHS
49	U17MA014	SALINI R	MATHS
50	U17MA018	MONISHA S	MATHS



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCE

Value Added Course

Short term Courses on Health Care Organization

Syllabus

1. Healthcare Policies and Regulations,
2. Fundamentals of Healthcare Administration
3. Organization of Hospitals,
4. Disease Control Management
5. Medical-Legal Issues, Quality Assurance
6. Administration of Hospital, Healthcare Economics
7. Information Management
8. Healthcare Legislation, Anatomy
9. Healthcare Planning, Physiology
10. Hospital Enterprises Management
11. Medical terminologies,
12. Conflict management
13. Epidemiology
14. Health management,
15. Principles of Management



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCES

Date : 28.05.2018

CIRCULAR

Sub : Organising Value added Course: Short term course on Robotic Surgery - Reg.

With reference to the above mentioned subject, we bring it to your notice that School of Basic Sciences, Bharath Institute of Higher Education & Research is organising **Value added course "Short term course on Robotic Surgery"**. The syllabus and registration form is enclosed below. The candidates those who are interested to join must fill the registration form and submit to the Course Coordinator Mrs. V. Jula, Department of Microbiology on or before 07.06.2018. The Registration form received after the mentioned date shall not be entertained under any circumstances.

Encl: A copy of Syllabus & Registration form

Copy To:

- 1.All HODs
- 2.Office File/ Notice Board
- 3.Course Coordinator


Dean-Faculty of Arts & Science
Dean-Faculty of Arts & Science
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Chennai-600 073. INDIA



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCES

Registration Form

Value Added Course

Date: 29.5.2018

Name : YUVASRI B

Reg. No. : U17M1044

Gender : Female

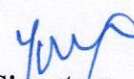
Department : Microbiology

Year : 2017-20

Contact No. : 73394 25930

Email ID : yuvassrimic@gmail.com

Course Applied for : Short term course on Robotic Surgery


Signature

Bharath Institute of Higher Education & Research
School of Basic Sciences
Students Registration List
Value Added Course: Short term course on Robotic Surgery -

S.NO	REG.NO	NAME OF THE CANDIDATE	DEPARTMENT
1	U17MI007	DIVYASRI M	BSc-MICRO
2	U17MI043	SHIRISH KULKARNI	BSc-MICRO
3	U17MI044	YUVASRI B	BSc-MICRO
4	U17MI045	KALAIVANI M	BSc-MICRO
5	U17MI046	MUGILAN	BSc-MICRO
6	U17MI047	AJITH KUMAR	BSc-MICRO
7	U17MI048	INDIRANI	BSc-MICRO
8	U17MI049	JAYASREE	BSc-MICRO
9	U17MI050	NANCY CHRISTYA	BSc-MICRO
10	U17BS035	VASANTHA KUMAR K	BSc-BIOTECH
11	U17BS036	SWARNA R	BSc-BIOTECH
12	U17BS037	SANDHIYA T	BSc-BIOTECH
13	U17BS038	MEGALA P	BSc-BIOTECH
14	U17BS039	GAYATHRI R	BSc-BIOTECH
15	U17BS040	ARUN RAM N	BSc-BIOTECH
16	U17PS033	RAJALAKSHMI C	BSc-PHYSICS
17	U17PS034	SWARNA M	BSc-PHYSICS
18	U17PS035	KOWSALYA G	BSc-PHYSICS
19	U17PS036	NANDHINI M	BSc-PHYSICS
20	U17CI033	KARTHIKEYAN J	BSc-CHE
21	U17CI034	C RAJA GOPAL	BSc-CHE
22	U17CI035	RAKESH B	BSc-CHE
23	U17CI036	VIJAYALAKSHMI K	BSc-CHE
24	U17MA038	GEETHA K	BSc-MATHS
25	U17MA039	NITHYA M	BSc-MATHS
26	U17MA040	PONMANASELVAN P	BSc-MATHS
27	U17MA041	PARASARAN K	BSc-MATHS
28	U17MA042	DHAVASREE B	BSc-MATHS
29	U17MA043	BHUVANESWARAN R	BSc-MATHS
30	U17MA044	ROLLET V	BSc-MATHS
31	U17SC055	YUVARAJ M	BSc-COMP
32	U17SC056	MADHIALAGAN S	BSc-COMP
33	U17SC057	VIGNESH K	BSc-COMP
34	U17SC058	MURALIDHARAN K	BSc-COMP
35	U17SC059	PRASANNA P	BSc-COMP
36	U17SC060	JAYARAJ A	BSc-COMP
37	U17SC061	MADHU MITHA B	BSc-COMP
38	U17SC062	PAUL GIFFSON J	BSc-COMP

39	U17SC063	REVATHY S	BSc-COMP
40	U17SC064	JOSHWA J	BSc-COMP



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SCHOOL OF BASIC SCIENCES

Value Added Course

Short term course on Robotic Surgery -

Syllabus

Introduction of robotic surgery and History of robotic surgery. Different types of robotic surgery. Working principle - Robot - assisted operation theatre.

Classification of Robotic surgical system - Supervisory - controlled system - three steps - planning, registration, navigation. Telesurgical system - three types - DA VINCI, ZUES Robotic, AESOP Robotic surgical systems. Shared - Control Robotic System.

Software - Architecture - Linux 64-bit platform Software - Architecture - MySQLas database, 3D model. Application of Robotic surgery - cardiac, gastrointestinal, gynaecology. Application of Robotic surgery - neurosurgery, paediatrics, radio surgery, urology.

Advantages of post-surgery and Advantages of In-surgery. Disadvantages of robotic-surgery. Future of Robotic surgery.

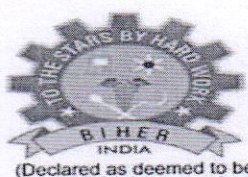
Bharath Institute of Higher Education & Research
School of Basic Sciences
Course TimeTable

Value Added Course: Short Term Course on Robotic Surgery - Course Duration:30 Hrs

S.No	Date	Time	Hour
1	11.06.2018	2 PM - 4 PM	2
2	17.06.2018	2 PM - 4 PM	2
3	23.06.2018	2 PM - 4 PM	2
4	24.06.2018	2 PM - 4 PM	2
5	30.06.2018	2 PM - 4 PM	2
6	01.07.2018	2 PM - 4 PM	2
7	07.07.2018	2 PM - 4 PM	2
8	08.07.2018	2 PM - 4 PM	2
9	15.07.2018	2 PM - 4 PM	2
10	21.07.2018	2 PM - 4 PM	2
11	22.07.2018	2 PM - 4 PM	2
12	28.07.2018	2 PM - 4 PM	2
13	29.07.2018	2 PM - 4 PM	2
14	04.08.2018	2 PM - 4 PM	2
15	05.08.2018	2 PM - 4 PM	2

Bharath Institute of Higher Education & Research
School of Basic Sciences
Lesson Plan

Value Added Course: Short term course on Robotic Surgery			Course Duration: 30 Hrs	
S.No	Date	Topic	Time	Hour
1	11.06.2018	Introduction of robotic surgery	2 PM - 4 PM	2
2	17.06.2018	History of robotic surgery	2 PM - 4 PM	2
3	23.06.2018	Different types of robotic surgery	2 PM - 4 PM	2
4	24.06.2018	Working principle-Robot-assisted operation theater	2 PM - 4 PM	2
5	30.06.2018	Classification of Robotic surgical system	2 PM - 4 PM	2
6	01.07.2018	Supervisory- controlled system - three steps- planning, registration,nav	2 PM - 4 PM	2
7	07.07.2018	Telesurgical system- three types-DA VINCI ,ZUES Robotic,AESOP F	2 PM - 4 PM	2
8	08.07.2018	Shared -Control Robotic System	2 PM - 4 PM	2
9	15.07.2018	Software -Architecture-Linux 64-bit platform	2 PM - 4 PM	2
10	21.07.2018	Software -Architecture-MySqlas database,3D model	2 PM - 4 PM	2
11	22.07.2018	Application of Robotic surgery-cardiac, gastrointestinal,gynecology	2 PM - 4 PM	2
12	28.07.2018	Application of Robotic surgery-neurosurgery,pediatrics,radio surgery,	2 PM - 4 PM	2
13	29.07.2018	Advantages of post-surgery and Advantages of In-surgery	2 PM - 4 PM	2
14	04.08.2018	Disadvantages of robotic-surgery	2 PM - 4 PM	2
15	05.08.2018	Future of Robotic surgery	2 PM - 4 PM	2



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SCHOOL OF BASIC SCIENCES

Course Feedback Form

Value Added Course

Date: 04.08.2018

Course Title: Short term course on Robotic Surgery -

Name : SWARN R
Reg. No. : U17BS036
Department : Biotechnology

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.	Course contents met with your expectations		✓			
3.	Lecture sequence was well planned	✓				
4.	Lectures were clear and easy to understand	✓				
5.	Teaching aids were effective	✓				
6.	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:	✓	2	3	4	5

Please give Suggestion for the improvement of the course :


Signature



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SCHOOL OF BASIC SCIENCES



Name of the course	Short term course on Robotic Surgery
Handled by	Mrs. V. Jula Asst. Prof, Department of Microbiology School of Arts, BIHER.

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-
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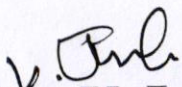
SCHOOL OF BASIC SCIENCES

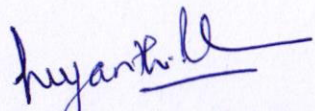
CERTIFICATE OF PARTICIPATION

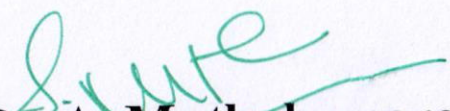
This is to certify that

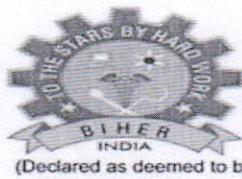
DIVYASRI.M

has participated in the Short Term Course on Robotic Surgery, conducted by
School of Basic Sciences, BIHER, from June 11, 2018 to August 05, 2018.


Mrs. V. Jula
Course Co-ordinator


Dr. L. Jeyanthi Rebecca
Convenor


Dr. A. Muthukumaravel
Dean - Arts and Science



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SCHOOL OF BASIC SCIENCES

Date : 28.05.2018

CIRCULAR

**Sub : Organising Value added Course - Short term course on Spine Surgery
- Reg.**

With reference to the above mentioned subject, we bring it to your notice that School of Basic Science, Bharath Institute of Higher Education & Research is organising **Value added course "Short term course on Spine Surgery"**. The syllabus and registration form is enclosed below. The candidates those who are interested to join must fill the registration form and submit to the Course Coordinator Dr. K. E. Vivekanandan, Department of Microbiology on or before 07.06.2018. The Registration form received after the mentioned date shall not be entertained under any circumstances.

Encl: A copy of Syllabus & Registration form


Dean-Faculty of Arts & Science
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Chennai-600 073. INDIA

Copy To:

- 1.All HODs
- 2.Office File/ Notice Board
- 3.Course Coordinator



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(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCES

Registration Form

Value Added Course

Date: 27.05.2018

Name : YOKESH P

Reg. No. : U17BS023

Gender : Male

Department : Biotechnology

Year : 2017-20

Contact No. : 9080558628

Email ID : yogibio@gmail.com

Course Applied for : Short term course on Spine Surgery

YCP
Signature

Bharath Institute of Higher Education & Research
School of Basic Sciences
Students Registration List
Value Added Course: Short Term Course on Spine Surgery -

S.NO	REG.NO	NAME OF THE CANDIDATE	DEPARTMENT
1	U17MI023	MOHAN RAJ R	BSc-MICRO
2	U17MI026	MALAVIKA B	BSc-MICRO
3	U17MI027	AATHIRAI	BSc-MICRO
4	U17MI028	SARUMATHI S	BSc-MICRO
5	U17MI029	SANDHIYA	BSc-MICRO
6	U17MI030	ALLAN JOSEPH	BSc-MICRO
7	U17MI031	HARITHA	BSc-MICRO
8	U17MI032	FRED LAL HNAME	BSc-MICRO
9	U17BS021	BRINDHA LAKSHMI P	BSc-BIOTECH
10	U17BS022	REENA IRIN JASHUA	BSc-BIOTECH
11	U17BS023	YOKESH P	BSc-BIOTECH
12	U17BS024	ANIT CHRISTABEL L	BSc-BIOTECH
13	U17BS025	POOJA S	BSc-BIOTECH
14	U17BS026	NISHA R	BSc-BIOTECH
15	U17PS021	SANDHIYA S	BSc-PHYSICS
16	U17PS022	RUBANJEYASEELAN G	BSc-PHYSICS
17	U17PS023	AASHA N	BSc-PHYSICS
18	U17PS024	BASKAR S	BSc-PHYSICS
19	U17PS025	PRINSHU LT RAJKUMAR PANDEY	BSc-PHYSICS
20	U17PS026	HARIHARAN G	BSc-PHYSICS
21	U17CI020	GOWTHAM D	BSc-CHEM
22	U17CI021	SUNDAR RAJ S	BSc-CHEM
23	U17CI022	NAVEEN KUMAR P	BSc-CHEM
24	U17CI024	THAMILARASU P	BSc-CHEM
25	U17CI025	SATHISHKUMAR M	BSc-CHEM
26	U17CI026	DIVYA K	BSc-CHEM
27	U17MA024	VIJAYAKUMAR M	BSc-MATHS
28	U17MA025	SANTHIYA K	BSc-MATHS
29	U17MA026	KUMAR L	BSc-MATHS
30	U17MA027	DINESH B	BSc-MATHS
31	U17MA028	SIRANJEEVI P	BSc-MATHS
32	U17MA029	DHAYALAN K	BSc-MATHS
33	U17SC033	AKASH B	BSc-COMP
34	U17SC034	DHAKSHAYINI V	BSc-COMP
35	U17SC035	DINESH KUMAR C K	BSc-COMP
36	U17SC036	DINESHKUMAR S	BSc-COMP
37	U17SC037	SAKTHIVEL M	BSc-COMP
38	U17SC038	ARVIND G	BSc-COMP

39	U17SC040	DHANASEKAR L	BSc-COMP
40	U17SC041	SIVANESAN C	BSc-COMP
41	U17SC042	RANGARAJAN K	BSc-COMP
42	U17SC043	LAVANYA P	BSc-COMP
43	U17VC002	M S ADITYA	BSc-VISCOM
44	U17VC003	SETTU R	BSc-VISCOM
45	U17VC004	NIRMAL E	BSc-VISCOM



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SCHOOL OF BASIC SCIENCES

Value Added Course

Short term course on Spine Surgery

Syllabus

Introduction of Spine surgery. Back pain -Disease of mankind- effects most people. Complex anatomy and function- back muscles, vertebral column, Acute back or neck pain.

Spinal pathology - Investigations of X-ray, CT/MRI scan/Blood tests. Common spinal pathology - neural compression - cervical lumbar - Disc Prolapse, Degenerative Disc Disease, Spinal Stenosis. Supporting structure for the skeleton - Fractures, Spinal Instability, Degenerative.

Surgical treatment options-neural compression, Decompression, Spinal instability, Spinal fusion. Minimally invasive spinal surgery, Cervical disc replacement, minimal Access Lumbar Surgery. Radio- frequency rhizotomy, Balloon Kyphoplast.

Cervical disc replacement. Anterior cervical decompression and fusion, cervical disc replacement. Minimal Access Spine Techniques. Minimal Access Lumbar fusion. Right patient selection. Successful surgery- clinical findings. Right investigation and surgery.

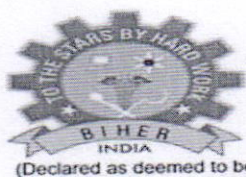
Bharath Institute of Higher Education & Research
School of Basic Sciences
Course TimeTable

Value Added Course: Short Term Course on Spine Surgery - Course Duration:30 Hrs

S.No	Date	Time	Hour
1	11.06.2018	2 PM - 4 PM	2
2	17.06.2018	2 PM - 4 PM	2
3	23.06.2018	2 PM - 4 PM	2
4	24.06.2018	2 PM - 4 PM	2
5	30.06.2018	2 PM - 4 PM	2
6	01.07.2018	2 PM - 4 PM	2
7	07.07.2018	2 PM - 4 PM	2
8	08.07.2018	2 PM - 4 PM	2
9	15.07.2018	2 PM - 4 PM	2
10	21.07.2018	2 PM - 4 PM	2
11	22.07.2018	2 PM - 4 PM	2
12	28.07.2018	2 PM - 4 PM	2
13	29.07.2018	2 PM - 4 PM	2
14	04.08.2018	2 PM - 4 PM	2
15	05.08.2018	2 PM - 4 PM	2

Bharath Institute of Higher Education & Research
School of Basic Sciences
Lesson Plan

Value Added Course: Short term course on Spine Surgery-			Course Duration: 30Hrs	
S.No	Date	Topic	Time	Hour
1	11.06.2018	Introduction of Spine surgery	2 PM - 4 PM	2
2	17.06.2018	Back pain -Disease of mankind- effects most people	2 PM - 4 PM	2
3	23.06.2018	Complex anatomy and function- back muscles,vertebral column,Acute back or neck pain.	2 PM - 4 PM	2
4	24.06.2018	Spinal pathology-Investigations of X-ray,CT/MRI scan/Blood tests.	2 PM - 4 PM	2
5	30.06.2018	Common spinal pathology-neural compression-cervical lumbar-Disc Prolapse,Degenerative Disc Disease,Spinal Stenosis	2 PM - 4 PM	2
6	01.07.2018	Supporting structure for the skeleton-Fractures,Spinal Instability, Degenerative.	2 PM - 4 PM	2
7	07.07.2018	Surgical treatment options-neural compression,Decompression,Spinal instability,Spinal fusion.	2 PM - 4 PM	2
8	08.07.2018	Minimally invasive spinal surgery,Cervical disc replacement,minimal Access Lumbar Surgery.	2 PM - 4 PM	2
9	15.07.2018	Radio- frequency rhizotomy,Balloon Kyphoplasty	2 PM - 4 PM	2
10	21.07.2018	Cervical disc replacement- Anterior cervical decompression and fusion, cervical disc replacement.	2 PM - 4 PM	2
11	22.07.2018	Minimal Access Spine Techniques	2 PM - 4 PM	2
12	28.07.2018	Minimal Access Lumbar fusion.	2 PM - 4 PM	2
13	29.07.2018	Right patient selection.	2 PM - 4 PM	2
14	04.08.2018	Successful surgery- clinical findings.	2 PM - 4 PM	2
15	05.08.2018	Right investigation and surgery.	2 PM - 4 PM	2



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SCHOOL OF BASIC SCIENCES

Course Feedback Form

Value Added Course

Date: 04.08.2018

Course Title: Short term course on Spine Surgery -

Name : NISHA R
Reg. No. : U17BS026
Department : Biotechnology

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.	Course contents met with your expectations	✓				
3.	Lecture sequence was well planned	✓				
4.	Lectures were clear and easy to understand	✓				
5.	Teaching aids were effective		✓			
6.	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:	✓	2	3	4	5

Please give Suggestion for the improvement of the course:


Signature



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Name of the course	Short term course on Spine Surgery
Handled by	Dr. K. E. Vivekanandan Asso. Prof, Department of Microbiology School of Arts, BIHER.



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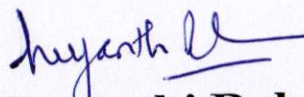
CERTIFICATE OF PARTICIPATION

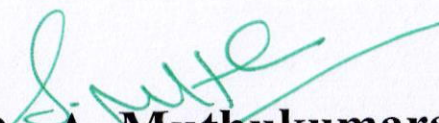
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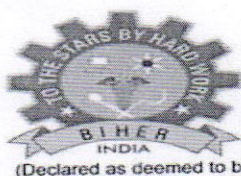
MOHAN RAJ. R

has participated in the Short Term Course on Spine Surgery, conducted by
School of Basic Sciences, BIHER, from June 11, 2018 to August 05, 2018.


Dr. K.E. Vivekanandan
Course Co-ordinator


Dr. L. Jeyanthi Rebecca
Convenor


Dr. A. Muthukumaravel
Dean - Arts and Science



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SCHOOL OF BASIC SCIENCES

Date : 18.4.2018

CIRCULAR

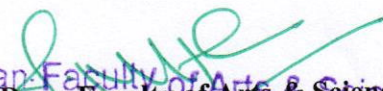
**Sub : Organising Value added Course: Statistical design of experiments
- Reg.**

With reference to the above mentioned subject, we bring it to your notice that School of Basic Sciences, Bharath Institute of Higher Education & Research is organising **Value added course "Statistical Design of Experiments"**. The syllabus and registration form is enclosed below. The candidates those who are interested to join must fill the registration form and submit to the Course Coordinator Mrs. V. Jula, Department of Biotechnology on or before 27.04.2018. The Registration form received after the mentioned date shall not be entertained under any circumstances.

Encl: A copy of Syllabus & Registration form

Copy To:

- 1.All HODs
- 2.Office File/ Notice Board
- 3.Course Coordinator


Dean-Faculty of Arts & Science
Bharath Institute of Higher Education & Research
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Chennai-600 073, INDIA



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SCHOOL OF BASIC SCIENCES

Registration Form

Value Added Course

Date: 19.4.2018

Name : ISWARYA S

Reg. No. : U17135018

Gender : Female

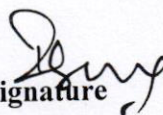
Department : Biotechnology

Year : 2017-20

Contact No. : 95983 86304

Email ID : iswaryaaa@gmail.com

Course Applied for : Statistical design of experiments


Signature

Bharath Institute of Higher Education & Research
School of Basic Sciences
Students Registration List
Value Added Course: Statistical Design of Experiments -

S.NO	REG.NO	NAME OF THE CANDIDATE	DEPARTMENT
1	U17MI018	MOHAMMED RIZAIL FAHATH	BSC-MICRO
2	U17MI019	SANDHIYA VIJAY M	BSC-MICRO
3	U17MI020	ABBAS	BSC-MICRO
4	U17MI021	KATHIRESAN	BSC-MICRO
5	U17MI054	RAJANI	BSC-MICRO
6	U17MI055	SARMILA	BSC-MICRO
7	U17MI024	SURAJIT SARMA	BSC-MICRO
8	U17BS013	SHOBICA R	BSC-BIOTECH
9	U17BS016	JAYENDRAN U	BSC-BIOTECH
10	U17BS017	ARAVINDHA M	BSC-BIOTECH
11	U17BS018	ISWARYA S	BSC-BIOTECH
12	U17BS019	GOPALAKRISHNAN S	BSC-BIOTECH
13	U17BS020	MAHALAKSHMI M	BSC-BIOTECH
14	U17PS015	SHALINI M	BSC-PHYSICS
15	U17PS016	ELAYAKUMAR V	BSC-PHYSICS
16	U17PS017	KAMALESH V	BSC-PHYSICS
17	U17PS018	SUSHMA CHANDRAN R	BSC-PHYSICS
18	U17PS019	AFRINTAJ S	BSC-PHYSICS
19	U17PS020	VIVITHA R	BSC-PHYSICS
20	U17CI014	MOHANRAJ V	BSC-CHEM
21	U17CI015	SETHURAMAN R	BSC-CHEM
22	U17CI016	YUKESH S	BSC-CHEM
23	U17CI017	SARATHKUMAR M	BSC-CHEM
24	U17CI018	SUMAIYA BANU K	BSC-CHEM
25	U17CI019	MUKUNDA KUMAR D	BSC-CHEM
26	U17MA015	ILAKKIYA S	BSC-MATHS
27	U17MA018	MONISHA S	BSC-MATHS
28	U17MA019	DEEPAKRAJ M	BSC-MATHS
29	U17MA020	MALATHI G	BSC-MATHS
30	U17MA021	DEEPIKA R	BSC-MATHS
31	U17MA022	DHIVYA V	BSC-MATHS
32	U17MA023	KALAIVANI R	BSC-MATHS
33	U17SC022	PREMKUMAR B	BSC-COMP
34	U17SC023	RAJ KUMAR M	BSC-COMP
35	U17SC024	KALAISELVAKUMAR D	BSC-COMP
36	U17SC025	YUVARAJ P	BSC-COMP
37	U17SC026	SATHISH P	BSC-COMP
38	U17SC027	ANAND S	BSC-COMP

39	U17SC028	GOKULAKANNAN K	BSC-COMP
40	U17SC029	MANISH TOPNO	BSC-COMP
41	U17SC030	RAVICHANDRAN B	BSC-COMP
42	U17SC031	PAVAN PANINTHRA	BSC-COMP
43	U17VC014	PRATHAP K	BSC-VISCOM
44	U17VC015	NAVEEN KUMAR V	BSC-VISCOM
45	U17VC016	SATISH KUMAR S	BSC-VISCOM



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SCHOOL OF BASIC SCIENCES

Value Added Course

Short term course on Statistical Design of Experiments -

Syllabus

Introduction to experimental design. Planning experiments, regression analysis, types of experiments, software, literature. Example of experimental : synthesis-context, goal, synthesis route consists of elements.

Issues of in examples: to measure the yield, to vary the control variables, many combinations can be tested. Statistical terminology for experiments and modern approach design of experiments. Example of analysis - simple experiments-response is conversion.

Examples of construction. Teaching tools: virtual experiments. Short history of statistics and experimentation - Goals in experimentation. Types of experimental designs - screening designs, response surface designs. Interactions - factors are optimised separately, factors may influence each other.

Interaction effects - Cross terms in linear regression models cause interaction effects: Multi-layered experiments - an initial experiment, main experiment confirmation experiment. Make clear protocol of execution of experiment (including randomised order of measurements)

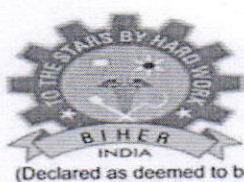
Bharath Institute of Higher Education & Research
School of Basic Science
Course TimeTable

Value Added Course: Short term course on Statistical Design of Experiments-Duration:30 Hrs

S.No	Date	Time	Hour
1	07.05.2018	10 AM - 12 PM	2
2	12.05.2018	10 AM - 12 PM	2
3	13.05.2018	10 AM - 12 PM	2
4	19.05.2018	10 AM - 12 PM	2
5	20.05.2018	10 AM - 12 PM	2
6	26.05.2018	10 AM - 12 PM	2
7	27.05.2018	10 AM - 12 PM	2
8	02.06.2018	10 AM - 12 PM	2
9	03.06.2018	10 AM - 12 PM	2
10	09.06.2018	10 AM - 12 PM	2
11	10.06.2018	10 AM - 12 PM	2
12	17.06.2018	10 AM - 12 PM	2
13	23.06.2018	10 AM - 12 PM	2
14	24.06.2018	10 AM - 12 PM	2
15	30.06.2018	10 AM - 12 PM	2

Bharath Institute of Higher Education & Research
School of Basic Sciences
Lesson Plan

Value Added Course: Short term course on Statistical Design of Experiments- Duration: 30 Hrs				Course
S.No	Date	Topic	Time	Hour
1	07.05.2018	Introduction to experimental design	10 AM - 12 PM	2
2	12.05.2018	Plannning expriments, regression analysis, types of expriments	10 AM - 12 PM	2
3	13.05.2018	Example of experimental : synthesis - context, goal, synthesis re	10 AM - 12 PM	2
4	19.05.2018	Issues of in examples:to measure the yield, to vary the control	10 AM - 12 PM	2
5	20.05.2018	Statistical terminology for experiments and modern approach d	10 AM - 12 PM	2
6	26.05.2018	Example of analysis - simple experiments - response is conver	10 AM - 12 PM	2
7	27.05.2018	Example of construction	10 AM - 12 PM	2
8	02.06.2018	Teaching tools: virtual experiments	10 AM - 12 PM	2
9	03.06.2018	Short history of statistics and experimentation-Goals in experim	10 AM - 12 PM	2
10	09.06.2018	Types of experimental designs-screening designs,response surf	10 AM - 12 PM	2
11	10.06.2018	Interactions - factors are optimised separatelyFactors may infl	10 AM - 12 PM	2
12	17.06.2018	Interaction effects-Cross terms in linear regression models cau	10 AM - 12 PM	2
13	23.06.2018	Multi-layered experiments-an initial experiment,main experim	10 AM - 12 PM	2
14	24.06.2018	Short checklist for DOE-clearly state objective of experimentc	10 AM - 12 PM	2
15	30.06.2018	make clear protocol of execution of experiment (including rand	10 AM - 12 PM	2



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Course Feedback form

Value Added Course

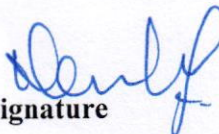
Date: 24.06.2018

Course Title: Short term course on Statistical Design of Experiments-

Name : MAHALAKSHMI M
Reg. No. : U17BS020
Department : Biotechnology

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.	Course contents met with your expectations	✓				
3.	Lecture sequence was well planned	✓				
4.	Lectures were clear and easy to understand	✓				
5.	Teaching aids were effective	✓				
6.	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:	4	2	3	4	5

Please give Suggestion for the improvement of the course:


Signature



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Name of the course	Statistical Design of Experiments
Handled by	Mrs. V. Jula Asst. Prof, Department of Biotechnology School of Basic Science, BIHER.



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CERTIFICATE OF PARTICIPATION

This is to certify that

SHOBIKA. R

has participated in the Statistical Design of Experiments, conducted by School of Basic Sciences, BIHER, from May 07, 2018 to June 30, 2018.

Mrs. V. Jula
Course Co-ordinator

Dr. L. Jeyanthi Rebecca
Convenor

Dr. A. Muthukumaravel
Dean - Arts and Science