



# 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

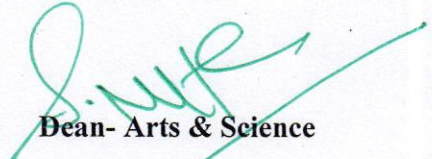
Date : 30.10.2017

### 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**

<b>Value Added Course: Short term Courses on Epidemiology for Public Health Specialization</b> <b>Course Duration:30 Hrs</b>				
<b>S.No</b>	<b>Date</b>	<b>Topic</b>	<b>Time</b>	<b>Hour</b>
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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## 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.	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:

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. Mukunda Kumar  
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. Yukesh.

Reg.No. : 017C1016

Gender : Male

Department : Chemistry

Year : 2017

Contact No. : 8608802167

Email ID : yukeshvijay007@gmail.com

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

S. Yukesh.  
Signature



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## SCHOOL OF BASIC SCIENCE

### Registration Form

### Value Added Course

Date: 25.11.2017

Name : D. MUKUNDA KUMAR

Reg.No. : 01702019

Gender : Male

Department : CHEMISTRY

Year : 2017

Contact No. : 9677058608

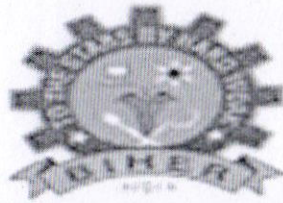
Email ID : mugund.dhanapat@gmail.com

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

D. Mukunda Kumar

Signature





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**School of Basic Science**


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

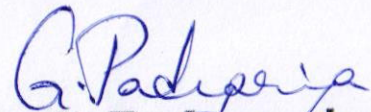
**Certificate of participation**


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**

<b>S.NO</b>	<b>REG.NO</b>	<b>NAME OF THE CANDIDATE</b>	<b>DEPARTMENT</b>
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