



Bharath

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

Requisition letter

Date: 5.09.2019

From

Dr.K.P.Kaliyamurthie,
Professor & Head,
Department of CSE,
Bharath Institute of Higher Education and Research,
Chennai.

To

The Dean Engineering,
Bharath Institute of Higher Education and Research,
Chennai.

Respected Sir

Sub: Request of permission to conduct a value – added course on “Data Analysis and Decision Making”-Reg

With reference to above subject, I would like to bring to your kind notice that , our department interested to organize value added course “Data Analysis and Decision Making” – reg in our campus premises on 09.09.2019, students would be participating in this course. We request you kindly to give permission to organize this event.

Venue: CSE smart class Room

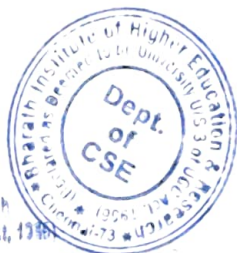
Timing: 9:30 AM to 12:30 PM (FN) and 1:30 PM to 4:30 PM(AN)

Submitted to principal for approval to organize this value-added course.

HOD

HEAD OF DEPARTMENT

Department Of Computer Science & Engg.,
Bharath Institute Of Higher Education & Research
(Declared as Deemed to be University U/S 3 OF UGC Act, 1956)
Chennai - 600 073. INDIA



DEAN ENGINEERING
DEAN (Engineering)

Bharath Institute of Science & Technology
BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Selaiyur, Chennai-600 073.



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CIRCULAR

06.09.2019

The school of computing, Bharath Institute of Higher Education and Research is planned to conduct a certification value added course on **Certificate Course of Data Analysis and Decision Making** for the benefit of students. This course is scheduled from 09.09.2019 to 20.09.2019 which includes theory and practical. The timings are 9:30 AM to 12:30 PM (FN) and 1:30 PM to 4:30 PM (AN) and Saturday (FN&AN).

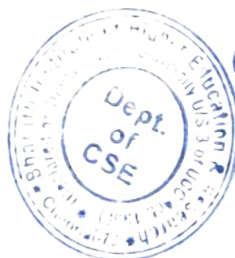
All Registered Students must attend all the classes without fail. The following faculty members are assigned to handle the course. S.NO	Name of the Faculty	Designation
1	Dr. G. Micheal	Professor
2	Mrs. G. Kavitha	Assistant professor

Head of Department

To

Copy to CSE

Copy to IT



HEAD OF DEPARTMENT
Department Of Computer Science & Engg.,
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Chennai - 600 073. INDIA



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CERTIFICATE COURSE ON INTRODUCTION TO DATA ANALYSIS AND DECISION MAKING

Date of Introduction of the Course: 26.09.2019

COURSE SYLLABUS

1. Describe quantitative approaches to data collection and analysis

This class will introduce data management, simple descriptive statistics, and basic graphical display using the data approach and collection of data analysis.

2. Utilize descriptive statistics to describe data

This class will analysis the utilization of data descriptive statics to describe the desired data part.

3. Apply the process of hypothesis Testing

In order to achieve learning objectives, students are expected to review provided course materials, including recorded lectures by using the hypothesis testing.

4. Utilize statistical software to calculate basic

The student must successfully complete the four assignments, plus the analysis of an independent data set and utilize software to calculate the basic of data.

5. Apply the proper inferential statistical

The student must successfully applying the proper inferential statistics to calculate the collection of data analysis.

6. Qualitative and quantitative methodologies

In order to achieve learning objectives, students are expected to review provided course materials, including recorded lectures by using qualitative and quantitative methodologies.

7. Interpret data analysis

There are several ways that you can access these files, and this is also described in an early video. If you have any trouble getting files stored at interpret data analysis, send me an email and I can give you those files as an email attachment.

8. Facilitate application

If you are trying to work in at the same time as viewing the recorded lectures, it is recommended that you use a system that will allow you to follow along with the recordings and make notes as needed.

9. Introduction and data sets with mostly continuous variables

The class will introduce basic methods for data import, data management, simple graphics, and basic statistical analysis.

10. Course evaluation



The course evaluation will be done through a written questionnaire, available at the virtual learning environment, where students are asked to describe their opinions on the various stages of the course for future development.

11. Technology Requirements

A computer or mobile device with high-speed internet connection. This course will work best on a laptop or a desktop computer. It is possible to use the tools we employ in this course on a tablet or smartphone, but it is not recommended

12. Course Logistics

Modules include pre-recorded videos with built-in quizzes. These quizzes are short and ungraded but are a way to assess your understanding of the topic.


COURSE OBJECTIVES

To learn and analyse and visualize data and learn to perform frequent and modelling to understand natural phenomena and make data-based decisions.

Specifically, the course has the following objectives:

Students will learn

1. Understanding data analysis
2. Understanding Technology requirements.
3. Analyse data collection
4. Create and analysis and requirements,
5. Demonstrate a conceptual understanding
6. Perform course evaluation



COURSE COORDINATOR



HEAD OF THE DEPARTMENT



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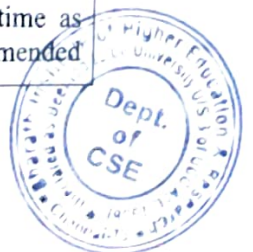
CERTIFICATE COURSE ON DATA ANALYSIS AND DECISION MAKING

Date of Introduction of the Course: 26.09.2019

The timings are 9:30 AM to 12:30 PM (FN) and 1:30 PM to 4:30 PM(AN)
Saturday (FN&AN).

Time Table & Lesson plan

CLASS	DATE	TOPIC
1	09-09-2019(FN)	1. Describe quantitative approaches to data collection and analysis This class will introduce data management, simple descriptive statistics, and basic graphical display using the data approach and collection of data analysis.
2	10-09-2019 (FN)	2. Utilize descriptive statistics to describe data This class will analysis the utilization of data descriptive statics to describe the desired data part.
3	11-09-2019 (FN)	3. Apply the process of hypothesis Testing In order to achieve learning objectives, students are expected to review provided course materials, including recorded lectures by using the hypothesis testing.
4	12-09-2019(FN)	4. Utilize statistical software to calculate basic The student must successfully complete the four assignments, plus the analysis of an independent data set and utilize software to calculate the basic of data.
5	13-09-2019 (FN)	5. Apply the proper inferential statistical The student must successfully applying the proper inferential statistics to calculate the collection of data analysis
6,7	14-09-2019 (FN)&(AN)	6. Qualitative and quantitative methodologies 7. Interpret data analysis Explains the critique data-based claims and evaluated data-based decisions, and wrangle and visualize data with R packages for data analysis.
8	16-09-2019 (FN)	8. Facilitate application If you are trying to work in at the same time as viewing the recorded lectures, it is recommended



		that you use a system that will allow you to follow along with the recordings and make notes as needed
9	17-09-2019 (FN)	<p>9. Introduction and data sets with mostly continuous variables.</p> <p>The course evaluation will be done through a written questionnaire, available at the virtual learning environment.</p>
10	18-09-2019 (FN)	<p>10. Course evaluation</p> <p>The course evaluation will be done through a written questionnaire, available at the virtual learning environment, where students are asked to describe their opinions on the various stages of the course for future development</p>
11	19-09-2019 (FN)	<p>11. Technology Requirements</p> <p>A computer or mobile device with high-speed internet connection. This course will work best on a laptop or a desktop computer. It is possible to use the tools we employ in this course on a tablet.</p>
12	20-09-2019 (AN)	<p>12. Course Logistics</p> <p>Modules include pre-recorded videos with built-in quizzes. These quizzes are short and ungraded but are a way to assess your understanding of the topic.</p>


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COURSE COORDINATOR



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

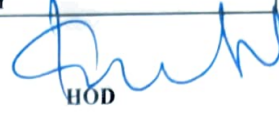
Introduction To R Software

B.Tech Computer Science and Engineering(2019-2020)

S. No	REG.NO	NAME OF THE CANDIDATE
1	U19CN001	KODUMURI HEMANTH KUMAR
2	U19CN002	KOGANTI MANOJ SAI
3	U19CN003	KOGURU INDRASENA REDDY
4	U19CN004	KOLA VAMSI VARDHAN
5	U19CN005	KOLAGANI VALESH
6	U19CN007	KOLLURI SAI SUMANTH
7	U19CN008	KOLLURI SINDHU SRI VANI
8	U19CN009	KOLLURU LAKSHMI NARAYANA SETTY
9	U19CN010	KOLLURU PRADEEP
10	U19CN011	KOMARAVELLY MAYUR
11	U19CN012	KOMMA HARI SAI PRADHYUMNA
12	U19CN013	KOMMANENI GAYATRI DEVI
13	U19CN014	KOMMI SAI SANDEEP KUMAR
14	U19CN015	KOMMINENI AJAY
15	U19CN016	KOMMINENI NAVEEN
16	U19CN017	KOMMU JASWANTH
17	U19CN018	KOMMU KUMAR
18	U19CN019	KONAKALLA REVANTH KUMAR
19	U19CN020	KONAKANCH RUDRA
20	U19CN021	KONAKANCHI GOPI CHAND
21	U19CN022	KONDA BALAJI
22	U19CN023	KONDA SRINIVASA REDDY
23	U19CN024	KONDAVEETI BALAJI
24	U19CN025	KONDAVETI SARVAN NAGA PAVAN
25	U19CN026	KONDIBOINA MADHU KUMAR
26	U19CN027	KONDU CHARITHA REDDY
27	U19CN028	KONDUPALLI GREESHMANTH KUMAR R
28	U19CN029	KONDURU KALYAN VARMA
29	U19CN030	KONETI SAI ANVITHA
30	U19CN031	KOPANATHI SIVAJI
31	U19CN032	KORRAPATI BHUVANESWARA CHARI
32	U19CN033	KORUKONDA LOKESH SATYA VEERASAI
33	U19CN034	KOTA VENKATRAO
34	U19CN035	KOTAPATI ASHOK REDDY
35	U19CN036	KOTEKANTI MOHAMMED ARIF
36	U19CN037	KOTHAPALLI LOKESH

37	U19CN038	KOTHAPALLI PREMVEER
38	U19CN039	KOTIPALLI SYAM SUNDAR
39	U19CN040	KOTLA SHASHANK
40	U19CN041	KOTTADA SATYA PRAKASH
41	U19CN042	KOTTURI SANDEEP KUMAR
42	U19CN043	KOVVURU HARSHA VARDHAN REDDY
43	U19CN044	KRUPASHANKARI S
44	U19CN045	KUDIKALA AKHIL
45	U19CN046	KUDITHI SAIMOHAN REDDY


COURSE COORDINATOR


HOD

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COURSE FEEDBACK FORM

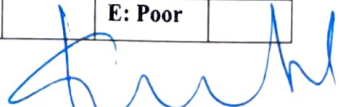
Academic Year		2019-2020							
Term									
Course Number									
Course Title		Data Analysis and Decision Making							
Number of Credits									
Type of Course	Regular		Elective		Add-on	<input checked="" type="checkbox"/>			
I. Information on the Respondent: (Tick (✓) Appropriately)									
1. Percentage of classes attended									
0-20		20-40		40-60		60-80	<input checked="" type="checkbox"/>	80-100	
2. Number of hours per week spent on the course (Other than lecture hours)									
0-2		2-4		4-6		6-8		8-10	<input checked="" type="checkbox"/>
3. Preparation for the course by the student:									
(i)	Have done part of this course earlier No								
(ii)	Has adequate prior exposure to the prerequisites yes								
(iii)	Had to pickup relevant additional topics through concurrent study yes								
(iv)	Have no exposure to the background material no								
4. The expectations for taking the course by the student are:									
(a)	Enhance by skill base in the area of specializations yes								
(b)	Get exposed to a relevant subject yes								
(c)	Curiosity yes								
(d)	Better Employment Opportunity yes								
(e)	Complete Course requirements yes								
(f)	To Improve CGPA yes								
About the Instructor: Information on the Respondent: (Tick (✓) Appropriately)									
		A	B	C	D	E			
1.	Pace of the Teaching/lecture	✓							
2.	Comment of the Subject	✓							
3.	Clarity of expression		✓						
4.	Level of preparation		✓						
5.	Level of interaction	✓							
6.	Accessibility outside the class	✓							
7.	Others (please specify)		✓						
A: Excellent		B: Very Good		C: Good		D: Satisfactory		E: Poor	


HEAD OF THE DEPARTMENT

HEAD OF DEPARTMENT
 Department of Computer Science & Engg.
 Birla Institute of Higher Education & Research
 110033, Deemed to be University, Sector 29, Noida
 Contact: 509 2214914

COURSE FEEDBACK FORM

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3. Preparation for the course by the student:									
(i)	Have done part of this course earlier						No		
(ii)	Has adequate prior exposure to the prerequisites						yes		
(iii)	Had to pickup relevant additional topics through concurrent study						yes		
(iv)	Have no exposure to the background material						yes		
4. The expectations for taking the course by the student are:									
(a)	Enhance by skill base in the area of specializations						yes		
(b)	Get exposed to a relevant subject						yes		
(c)	Curiosity						yes		
(d)	Better Employment Opportunity						yes		
(e)	Complete Course requirements						yes		
(f)	To Improve CGPA						yes		
About the Instructor: Information on the Respondent: (Tick (✓) Appropriately)									
		A	B	C	D	E			
1.	Pace of the Teaching/lecture	<input checked="" type="checkbox"/>							
2.	Comment of the Subject	<input checked="" type="checkbox"/>							
3.	Clarity of expression		<input checked="" type="checkbox"/>						
4.	Level of preparation		<input checked="" type="checkbox"/>						
5.	Level of interaction			<input checked="" type="checkbox"/>					
6.	Accessibility outside the class			<input checked="" type="checkbox"/>					
7.	Others (please specify)		<input checked="" type="checkbox"/>						
A: Excellent		B: Very Good	<input checked="" type="checkbox"/>	C: Good		D: Satisfactory	E: Poor		


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		A	B	C	D	E	
1.	Pace of the Teaching/lecture	<input checked="" type="checkbox"/>					
2.	Comment of the Subject	<input checked="" type="checkbox"/>					
3.	Clarity of expression		<input checked="" type="checkbox"/>				
4.	Level of preparation			<input checked="" type="checkbox"/>			
5.	Level of interaction		<input checked="" type="checkbox"/>				
6.	Accessibility outside the class		<input checked="" type="checkbox"/>				
7.	Others (please specify)		<input checked="" type="checkbox"/>				
A: Excellent		B: Very Good		<input checked="" type="checkbox"/>	C: Good		D: Satisfactory
							E: Poor

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CERTIFICATE OF PARTICIPATION



Mr. VEERA KUMAR

For actively participating in the value added course “Data Analysis and
Decision Making” Conducted by School of Computing, BIHER
from 09-09-2019 to 20.09.2019 .


Course Coordinator


Head of the Department


Director


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

**CERTIFICATE COURSE ON DATA ANALYSIS AND
DECISIONMAKING**

Introduction of the Course: 26.09.2019




Course Coordinator


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