



Bharath

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

Requisition letter

Date: 30.08.2019

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 “Introduction to R Software”-Reg

With reference to above subject, I would like to bring to your kind notice that , our department interested to organize value added course “Intoduction to R Software” – reg in our campus premises on 04.09.2019, 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)

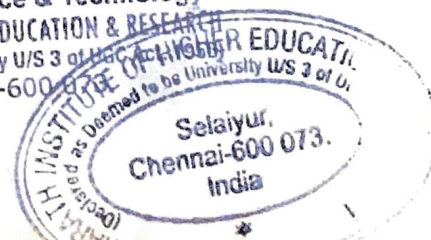
Submitted to principal for approval to organize this value-added course.

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

02.09.2019

The school of computing, Bharath Institute of Higher Education and Research is planned to conduct a certification value added course on **Certificate Course of Introduction to R Software** for the benefit of students. This course is scheduled from 04.09.2019 to 14.09.2019 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. c. Nalini	Professor
2	Ms. k. Sivaraman	Assistant professor

Head of Department

To

Copy to CSE

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HEAD OF DEPARTMENT
Department Of Computer Science & Engg.,
Bharath Institute Of Higher Education & Research
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Chennai - 600 073. INDIA



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CERTIFICATE COURSE ON INTRODUCTION TO R SOFTWARE

Date of Introduction of the Course: 26.09.2019

COURSE SYLLABUS

1. Introduction of R Software

This class will introduce data management, simple descriptive statistics, and basic graphical display using the R software package

2. Course framework

The instructor will provide datasets and instructions for running various functions within R.

3. Class structure

In order to achieve learning objectives, students are expected to review provided course materials, including recorded lectures.S

4. Grading

The student must successfully complete the four assignments, plus the analysis of an independent data set.

5. Resources

This is fairly easy, but you can review the steps for downloading in one of the early videos for this class.

6. R Studio

R Studio is an integrated development environment for the R programming language. Use of R Studio is encouraged,.

7. Github

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 github, send me an email and I can give you those files as an email attachment.

8. Installing R and optionally, R Studio

If you are trying to work in R 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 in R and learn to perform frequent in R programming software inference and modelling to understand natural phenomena and make data-based decisions.

Specifically, the course has the following objectives:

Students will learn

1. Understanding R Software
2. Understanding Technology requirements.
3. Analyse of R
4. Create and analysis R logistics,
5. Demonstrate a conceptual understanding of the R software
6. Perform course evaluation



COURSE COORDINATOR



HEAD OF THE DEPARTMENT

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CERTIFICATE COURSE ON INTODUCTION ON R SOFTWARE

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	04-09-2019(FN)	1. Introduction of R Software This class will introduce data management, simple descriptive statistics, and basic graphical display using the R software package.
2	05-09-2019 (FN)	2. Course framework The instructor will provide datasets and instructions for running various functions within R.
3	06-09-2019 (FN)	3. Class structure In order to achieve learning objectives, students are expected to review provided course materials, including recorded lectures.
4,5	07-09-2019(FN) &(AN)	4. Grading 5. Resources The student must successfully complete the four assignments, This is fairly easy, but you can review the steps for downloading in one of the early videos for this class
6	09-09-2019 (FN)	6. R Studio R Studio is an integrated development environment for the R programming language. Use of R Studio is encouraged.
7	10-09-2019 (FN)	7. Github 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 github.
8	11-09-2019 (FN)	8. Installing R and optionally, R Studio 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	12-09-2019 (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	13-09-2019 (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>
11,12	14-09-2019 (FN)&(AN)	<p>11. Technology Requirements</p> <p>12. Course Logistics</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>


COURSE COORDINATOR


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING		
Data Analysis and Decision Making		
B.Tech Computer Science and Engineering(2019-2020)		
S. No	REG.NO	NAME OF THE CANDIDATE
1	U19CB043	VADLAMUDI MAHESH
2	U19CB044	VAKKALAGADDA BHARGAVI
3	U19CB045	VALLABHASETTI DURGA KALYAN
4	U19CB046	VALLEPU KISHAN SAI
5	U19CB047	VANKAYALAPATI DIVYA NANDHU
6	U19CB048	VANKAYALAPATI SAI KUMAR
7	U19CB049	VANNEMREDDY DINESH
8	U19CB050	VARDHINENI SAI CHARAN
9	U19CB051	VARIKOLLU TEJASSU
10	U19CB052	VASANTHAN SELVAKUMAR
11	U19CB053	VASIREDDY PRASHANTH
12	U19CB054	VATHSAVAYI SAI CHARAN RAJEEV V
13	U19CB055	VATTE ABHINAV REDDY
14	U19CB056	VATTIKUNTA MAHITHA
15	U19CB057	VEERA BOBBY VELUGUBANTLA
16	U19CB058	VEERAKUMAR A
17	U19CB059	VEERAMALLA ABHINAV RAO
18	U19CB060	VEERANKI KRISHNA SAI
19	U19CB061	VEERANKI S RAMA KRISHNA
20	U19CB062	VEERAREDDYGARI BHARATH SIMHA REDDY
21	U19CB063	VEERASAHITHYAN A
22	U19CB064	VELLANKI VENKATA PHANINDRA KUMAR NAIDU
23	U19CB065	VELPULA RISHIKESH
24	U19CB066	VELPURI SUBBARAO
25	U19CB067	VELPURI UPENDRA BABU
26	U19CB068	VELURU NITHISH REDDY
27	U19CB069	VEMAVARAPU SAI RADHESH
28	U19CB070	VEMIREDDY MONIKA
29	U19CB071	VEMIREDDY SAI KRISHNA REDDY
30	U19CB072	VEMIREDDY UPENDRA REDDY


Course Coordinator


HOD
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COURSE FEEDBACK FORM

Academic Year		2019-2020							
Term									
Course Number									
Course Title		Introduction To R Software							
Number of Credits									
Type of Course	Regular		Elective		Add-on	✓			
I. Information on the Respondent: (Tick (✓) Appropriately)									
1. Percentage of classes attended									
0-20		20-40		40-60		60-80	✓	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	✓
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	

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COURSE FEEDBACK FORM

Academic Year		2019-2020			
Term					
Course Number					
Course Title		Introduction To R Software			
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	
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2. **Number of hours per week spent on the course (Other than lecture hours)**

0-2		2-4		4-6		6-8	<input checked="" type="checkbox"/>	8-10	
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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

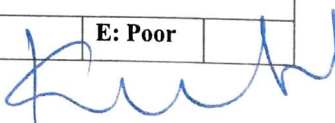
4. **The expectations for taking the course by the student are:**

(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"/>	<input checked="" type="checkbox"/>			
2.	Comment of the Subject	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
3.	Clarity of expression		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
4.	Level of preparation		<input checked="" type="checkbox"/>	<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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HEAD OF THE DEPARTMENT

COURSE FEEDBACK FORM

Academic Year		2019-2020				
Term						
Course Number						
Course Title		Introduction To R Software				
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	<input checked="" type="checkbox"/>	8-10

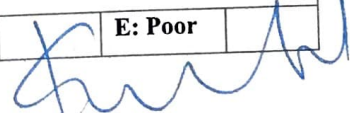
3.	Preparation for the course by the student:										
	(i)	Have done part of this course earlier									No
	(ii)	Has adequate prior exposure to the prerequisites									yes
	(iii)	Had to pickup relevant additional topics through concurrent study									yes
	(iv)	Have no exposure to the background 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	<input checked="" type="checkbox"/>	C: Good		D: Satisfactory		E: Poor	
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CERTIFICATE OF PARTICIPATION



Mr. KONDA BALAJI

For actively participating in the value added course "Introduction in R Software" Conducted by School of Computing, BIHER from 04-09-2019 to 14.09.2019 .

K. Sankar
Course Coordinator

[Signature]

Head of the Department

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[Signature]

Director

CERTIFICATE COURSE ON INTRODUCTION TO R SOFTWARE

Introduction of the Course: 26.09.2019




Course Coordinator


Head of the Department

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