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

BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
No.173, Agharam Road, Selaiyur, Chennai . T.N - 600 073.

Requisition Letter

Date: **05.08.2020**

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

Subject: Request of Permission to conduct a value-added course on "**Data Analysis Using Excel And Spss**"(online) -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 Using Excel And Spss**" -Reg in our campus premises on **10.08.2020**, students would be participating in this course. We request you kindly to give permission to organize this event

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

CIRCULAR

07.08.2020

The school of computing, Bharath Institute of Higher Education and Research is planned to conduct a certification value added course on **Data Analysis using Excel And Spss** for the benefit of students. This course is scheduled from 10.08.2020 to 19.08.2020. 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	Mrs. C. Anuradha	Assistant Professor

Head of Department

To

Copy to CSE

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

INDIA

CERTIFICATE COURSE ON Data Analysis using Excel And Spss
Date of Introduction of the Course: 12.09.2020

COURSE SYLLABUS

1. Create an Excel report
This module explains how to create a report in Excel
Filtering and Formatting Data Charts
Excel Tables
Filtering Excel Data, Formatting, Excel Data,
Create excel Charts,Filter and format data,Create charts.

2. Create an Excel Table
create data tables in Excel, Excel Data Tables,Summarizing Data

3. Pivot Tables and Pivot Charts
Create an Excel Table,Summarize Excel Data Explain what Excel Data tables are
Sort, filter, and validate data,Summarize data,Format summarized data.

4. Importing Data from a CSV File
Creating a Pivot Table,Creating a Pivot Chart,Editing Pivot Tables and Pivot Charts,Describe pivot tables and how to create them,Describe the various elements of a pivot chart,Edit pivot tables and pivot charts.

5. Dashboards
Arranging Tables and Charts,Slicing Data,Data Analysis,Describe a dashboard.
Filter data using a slicer,Add calculated columns to a dashboard,Find anomalies.

6. Creating Hierarchies
. Hierarchies,Time ,DataCreate a Hierarchy,Configure Time data,Create an Animated Time Chart

7. The Excel Data Model
This module explores the Excel data model and looks at ways of extending it.

8. Explore an Excel Data Model
Explain an Excel Data Model and how to use it.

9. Add Multiple Tables
Import External Data and use it.

10. Create Relationships
Link out to external data.

11.Add External Data

Etxternal data is to extend it

COURSE OBJECTIVES

To learn and analyse and visualize data in R and learn to perform frequentist and Bayesian statistical inference and modelling to understand natural phenomena and make data-based decisions.

Specifically, the course has the following objectives:
Students will learn

1. Understanding Filtering Excel Data, Formatting .

2. Understanding External Data.

3. Charts,Slicing Data,Data Analysis .

4. Arranging Tables and Charts,Slicing Data.

5. Import External Data and use it.

6. Excel Table,Summarize Excel Data

COURSE COORDINATOR

HEAD OF THE DEPARTMENT
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

CERTIFICATE COURSE Short term course on DATA ANALYSIS USING EXCEL AND SPSS

Date of Introduction of the Course: 12.09.2020

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	10-08-2020 (FN)	**1. Create an Excel report** Filtering and Formatting Data Charts Excel Tables Filtering Excel Data, Formatting, Excel Data, Create excel Charts,Filter and format
2	11-08-2020 (FN)	**2. Create an Excel Table** create data tables in Excel, Excel Data Tables,Summarizing Data
3	12-08-2020 (FN)	**3. Pivot Tables and Pivot Charts** Create an Excel Table,Summarize Excel Data
4	13-08-2020 (FN)	**4 Importing Data from a CSV File** Creating a Pivot Table,Creating a Pivot Chart,Editing
5	14-08-2020 (FN)	**5 Dashboards** Arranging Tables and Charts,Slicing Data,Data Analysis
6	15-08-2020 (FN)	**6. Creating Hierarchies** Hierarchies,Time ,DataCreate a Hierarchy
7	15-08-2020 (AN)	**7 The Excel Data Model** Time data,Create an Animated Time Chart

8	17-08-2020 (FN)	**8. Explore an Excel Data Model** Excel Data Model and how to use it. **9. Add Multiple Tables** Import External Data and use it.
9	18-08-2020 (FN)	**10. Create Relationships** Link out to external data.
10	19-08-2020 (FN)	**11.Add External Data** Etxternal data is to extend it

COURSE COORDINATOR

HEAD OF THE DEPARTMENT

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date of Introduction of the Course: 12.09.2020

B.Tech Computer Science and Engineering

Introduction to DataAnalysis using Excel Spss

S. No	REG.NO	NAME OF THE CANDIDATE
1	U15CS001	ABHIJEET KUMAR
2	U15CS002	ABHIJIT KUMAR GUPTA
3	U15CS003	ABHISHEK KUMAR SINGH
4	U15CS004	ALLU SAI SIVA PRIYANKA NAIDU
5	U15CS005	AMBIKE KUMAR SINGH
6	U15CS006	ANBUMANI S
7	U15CS007	ANJAR ALI
8	U15CS008	ANKAM MANJUNATH
9	U15CS009	ANNADI DHANUSH
10	U15CS010	ANNAVARAPU DIVYA
11	U15CS011	ANUMOLU YESWANTH
12	U15CS012	ARAVAPALLI SIVA VINAYA
13	U15CS013	ARAVINDHAN K R
14	U15CS014	ARVIND KUMAR YADAV
15	U15CS015	ARYAN SAHU
16	U15CS016	ASHISH AGARWAL
17	U15CS017	ASHISH RANJAN
18	U15CS018	ATTANTI RAVIKANTH
19	U15CS019	BANAVATH SUNIL NAIK
20	U15CS020	BANDARU RAMESH
21	U15CS021	BATTA SIVA PRASAD
22	U15CS022	BHARATH K
23	U15CS023	BHARATHI V
24	U15CS024	BIKKI KUMAR SHA
25	U15CS025	BINGEWAR SAISHARAN
26	U15CS026	BIRADAVOLU SUCHARITHA
27	U15CS027	BODA AKHIL WESLEY
28	U15CS028	BONALA SRIDHAR RAO
29	U15CS029	BRYAN STEVE PUSHPARAJ I
30	U15CS234	DUVVURU SUNEESH KUMAR
31	U15CS235	ASHWIN VISHAL A
32	U15CS236	MALKANNAGARI HARSHAVARDHAN REDDY
33	U15CS237	BUDDI VAMSI

34	U15CS238	VATHADI SWAMYVENKATESH
35	U15CS239	AVINASH KUMAR
36	U15CS240	YUGESH S
37	U15CS030	CHAKKA KSHITHIJA
38	U15CS031	CHAMARTHI LAKSHMI NARAYANA AVINASH

Course Coordinator

COURSE FEEDBACK FORM

Academic Year		2020-2021						
Term								
Course Number								
Course Title		Data Analysis using Excel and Spss						
Number of Credits								
Type of Course	Regular			Elective		Add-on		✓

1. 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	Yes
(ii)	Has adequate prior exposure to the prerequisites	NO
(iii)	Had to pickup relevant additional topics through concurrent study	NO
(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	No
(c)	Curiosity	NO
(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

COURSE FEEDBACK FORM

Academic Year		2020-2021				
Term						
Course Number						
Course Title		Data Analysis using Excel and Spss				
Number of Credits						
Type of Course	Regular		Elective		Add-on	✓

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2. Number of hours per week spent on the course (Other than lecture hours)

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(b)	Get exposed to a relevant subject	Yes
(c)	Curiosity	No
(d)	Better Employment Opportunity	Yes
(e)	Complete Course requirements	No
(f)	To Improve CGPA	No

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

COURSE FEEDBACK FORM

Academic Year		2020-2021				
Term						
Course Number						
Course Title		Data Analysis using Excel and Spss				
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:

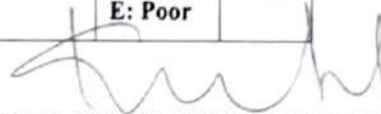| (i)	Have done part of this course earlier	No
(ii)	Has adequate prior exposure to the prerequisites	yes
(iii)	Had to pickup relevant additional topics through concurrent study	Yes
(iv)	Have no exposure to the background material	NO

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(c)	Curiosity	Yes
(d)	Better Employment Opportunity	Yes
(e)	Complete Course requirements	No
(f)	To Improve CGPA	NO

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

Bharath UNIVERSITY

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH

34 YEARS OF EXCELLENCE

CERTIFICATE OF PARTICIPATION

Mr. BODA AKHIL WESLEY

For actively participating in the value added course **"Data Analysis Using Excel And Spss** "Conducted by School of Computing, BIHER from 10-08-2020 to 19.08.2020 .

Course Coordinator

Head of the Department

Director