



(Category -1, Deemed to be University estd. u/s 3 of the UGC Act, 1956)

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DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS KLEF - VADEESWARAM

Calendar of Events - Accomplishment Report - December 2022

Topic: Five Day FDP on "Sampling Methods and Exploratory Data Analysis"

Date of the Event:

26 - 12 - 2022 to 30 - 12 - 2022

Organized by:

Department of Computer Science and Applications

Resource Speaker:

Dr. A. Srikanth

Associate Professor

Department of MBA, KLEF

REPORT

Objective of the FDP

This FDP provided an opportunity to the academicians to enhance their data analytical skills based on various Sampling methods and Exploratory Data Analysis in the respective research. This FDP program covered aspects relating to Sampling Techniques from basic to advanced level along with collection of data, analysing the data and finally exploring the data to meet the requirements in framing it into a research paper or patent or funded proposal. This FDP aimed to orient participants towards developing their research analysis, with due attention to every stage of research through "R" programming language.

Dr. K. DIMBAVAN
HOD-Computer Science and Applications
Koneru Lakshmaiah Education Foundation
(K.L. Deemed to be University)
Green Fields, VADDESWARAM,
Guntur District, Andhra Pradesh-522502.

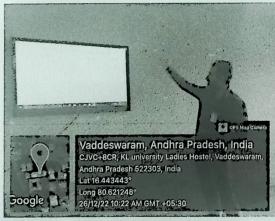
The FDP began with inaugural session by Dr. K. Bhagavan, Head, Department of Computer Science and Applications. Welcomed and engaged faculty to explore all feasible avenues for improving research skills and becoming acquainted with various "Sampling Methods and Exploratory Data Analysis"

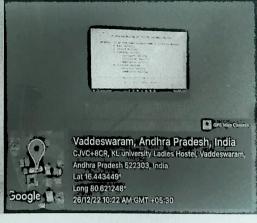
Glimpse of FDP

Day - 1

The resource person Dr.A. Srikanth, started the session and discussed the following topics

- > Sampling
- > Need of Sampling
- > Reliability
- > Factor Analysis
- Variable analysis and classification
- > Procedure for sampling
- Random Sampling Technique
- > Hypothesis Testing

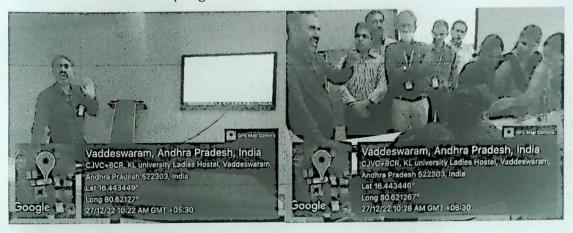




Day - 2

The resource person Dr.A. Srikanth, started the session and discussed the following topics

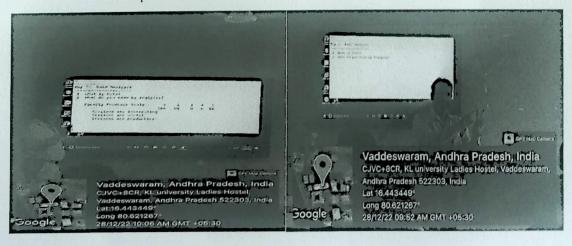
- Sample Design or Sample Procedures
- > Types of Sampling
- > Systematic Random Sampling
- Stratified Random Sampling
- Cluster Sampling



Day - 3

The resource person Dr.A.Srikanth, started the session and discussed the following topics

- > Data Analysis
 - o Exploratory Data Analysis
 - o Confirmatory Data Analysis
- > Hands on R
- Descriptive Statistics



Day - 4

The resource person Dr.A.Srikanth, started the session and discussed the following topics

- Measures of Skewness
- Measures of Kurtosis
- Data Collection
- Quantile / Percentile
- Various Testing Techniques



Day - 5

The resource person Dr.A. Srikanth, started the session and discussed the following topics

GUI Regression

R Packages Presentation of Data

Correlation Handling Missing Data

Correlation Matrix EDA Reports

Covariance



Outcome of the Event:

This FDP oriented the participants towards developing their Analytical Research, with due diligence to every stage of research.

Glimpse of Valedictory Function



Dr. K. BHAGAVAN

HOD-Computer Science and Applications
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	Department of Comput	ter Science and Applica	Date: 26/12/2022
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6494	Dr.K. Bhagavan	HOD	- En
6530	Dr. MNV Kiranbabu	Deputy HOD	born
3673	Dr.C.M.Sheela Rani	Professor, Addt.COE	
3168	Dr.K.Kiran Kumar	Professor,	0
7163	Dr. P.G.Sivagaminathan	Professor	18/m
7242	Dr. V Valli Mayil	Professor	1. Je 26/12/22
7300	Dr. R D Sathiya	Professor	Ashipt 26/12/2022
6607	Dr.B.Mouleswara Rao	Associate Professor	Vale
6956	Dr. T. Thiruvenkadam	Associate Professor	T-Zhm
7208	Dr. A Sivarama Krishnan	Associate Professor	70 1/22
7266	Dr. K Himabindu	Associate Professor	8026/1/27
7415	Dr.G Manivasagam	Associate Professor	Mariz 6/12/2
6883	Dr.G.Venkateswarlu	Assistant Professor	6
7039	Dr.A.Sabena Banu	Assistant Professor	B
4957	Mr.N.Venkata Ramana	Assistant Professor	· P
6644	Mr.K. Rohit Kumar	Assistant Professor	P
7008	Ms.Papiya Mukharjee	Assistant Professor	Yall
7234	Mr. K Hari Krishna	Assistant Professor	4
7243	Mr.Zulfikar Ali Ansari	Assistant Professor	all
7254	Ms. Bhargavi Mopuru	Assistant Professor	Blass.
7257	Mr. Gobinda chandra Das	Assistant Professor	40
7264	Mr.Nagendra Babu Rajaboina	Assistant Professor	R. Nageral Bakes.
7280	Mr. Angalakudi Srinivas	Assistant Professor	Mar
7281	Mr. Choutapalli Naga Raju	Assistant Professor	
7283	Mrs. Thonepudi Hema Latha	Assistant Professor	
7294	Mr. Rama Krishna Yellapragada	Assistant Professor	of Rand
7302	Mr. Taushif Anwar	Assistant Professor	Caughiel Anne
7306	Mr. Ghufran Ahmad khan	Assistant Professor	anjon u
7373	Ms. A Priyadharshini	Assistant Professor	A. perjathal
7382	Mr. Ch. Phani Kanth	Assistant Professor	Chhu
7188	Mr. J Abraham dinakaran	Trainer	



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7300	Dr. R D Sathiya	Professor	Jag 27/12/22
6607	Dr.B.Mouleswara Rao	Associate Professor	Mali
6956	Dr. T. Thiruvenkadam	Associate Professor	7. Fry
7208	Dr. A Sivarama Krishnan	Associate Professor	
7266	Dr. K Himabindu	Associate Professor	780
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6883	Dr.G.Venkateswarlu	Assistant Professor	Ø~
7039	Dr.A.Sabena Banu	Assistant Professor	85
4957	Mr.N.Venkata Ramana	Assistant Professor	VPL.
6644	Mr.K. Rohit Kumar	Assistant Professor	hu
7008	Ms.Papiya Mukharjee	Assistant Professor	Xa/
7234	Mr. K Hari Krishna	Assistant Professor	WHS-
7243	Mr.Zulfikar Ali Ansari	Assistant Professor	· Chu
7254	Ms. Bhargavi Mopuru	Assistant Professor	High
7257	Mr. Gobinda chandra Das	Assistant Professor	Mg .
7264	Mr.Nagendra Babu Rajaboina	Assistant Professor	R. Magenda Baker
7280	Mr. Angalakudi Srinivas	Assistant Professor	Xu
7281	Mr. Choutapalli Naga Raju	Assistant Professor	
7283	Mrs. Thonepudi Hema Latha	Assistant Professor	AH
7294	Mr. Rama Krishna Yellapragada	Assistant Professor	Y. Raul .
7302	Mr. Taushif Anwar	Assistant Professor	and har
7306	Mr. Ghufran Ahmad khan	Assistant Professor	awpon Le
7373	Ms. A Priyadharshini	Assistant Professor	A. Payathal
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DAY - 3

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3168	Dr.K.Kiran Kumar	Professor,	
7163	Dr. P.G.Sivagaminathan	Professor	Melin
7242	Dr. V Valli Mayil	Professor	1. Ju 28/12/22
7300	Dr. R D Sathiya	Professor	Alle 18/2/1022
6607	Dr.B.Mouleswara Rao	Associate Professor	lab-
6956	Dr. T. Thiruvenkadam	Associate Professor	78
7208	Dr. A Sivarama Krishnan	Associate Professor	
7266	Dr. K Himabindu	Associate Professor	D2012/22
7415	Dr.G Manivasagam	Associate Professor	Www. 23/12/2
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4957	Mr.N.Venkata Ramana	Assistant Professor	VPC.
6644	Mr.K. Rohit Kumar	Assistant Professor	ZH
7008	Ms.Papiya Mukharjee	Assistant Professor	
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7243	Mr.Zulfikar Ali Ansari	Assistant Professor	XIII
7254	Ms. Bhargavi Mopuru	Assistant Professor	Black
7257	Mr. Gobinda chandra Das	Assistant Professor	els
7264	Mr.Nagendra Babu Rajaboina	Assistant Professor	K-ragarah Bas
7280	Mr. Angalakudi Srinivas	Assistant Professor	1844
7281	Mr. Choutapalli Naga Raju	Assistant Professor	
7283	Mrs. Thonepudi Hema Latha	Assistant Professor	
7294	Mr. Rama Krishna Yellapragada	Assistant Professor	Y. Kaul F.
7302	Mr. Taushif Anwar	Assistant Professor	Right
7306	Mr. Ghufran Ahmad khan	Assistant Professor	Guman cone
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7188	Mr. J Abraham dinakaran	Trainer	July 201/AN

Dr. K. SIZGAVAN
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7242	Dr. V Valli Mayil	Professor	1. Au 29 12 1
7300	Dr. R D Sathiya	Professor	86 hy 29 12/22
6607	Dr.B.Mouleswara Rao	Associate Professor	ble
6956	Dr. T. Thiruvenkadam	Associate Professor	(Tolking)
7208	Dr. A Sivarama Krishnan	Associate Professor	7
7266	Dr. K Himabindu	Associate Professor	D29/12/22
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Assistant profusor

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7382	Mr. Ch. Phani Kanth	Assistant Professor	LNY
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This is to certify that

DR. SABBINENI POOJITHA

Has participated in the

Five-day Faculty Development Program on

Sampling Methods and Exploratory Data Analysis

26-12-2022- 30-12-2022

During _____

Principal ASC

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