



Koneru Lakshmaiah Education Foundation

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

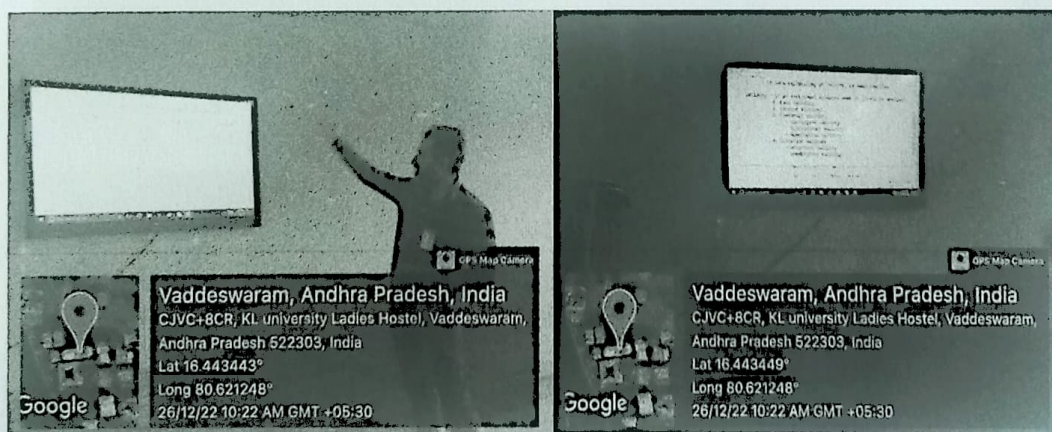
The FDP began with inaugural session by Dr. K. Bhagavan, Head, Department of Computer Science and Applications. Welcomed and engaged faculty to explore all feasible avenues for improving research skills and becoming acquainted with various “Sampling Methods and Exploratory Data Analysis”

Glimpse of FDP

Day – 1

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

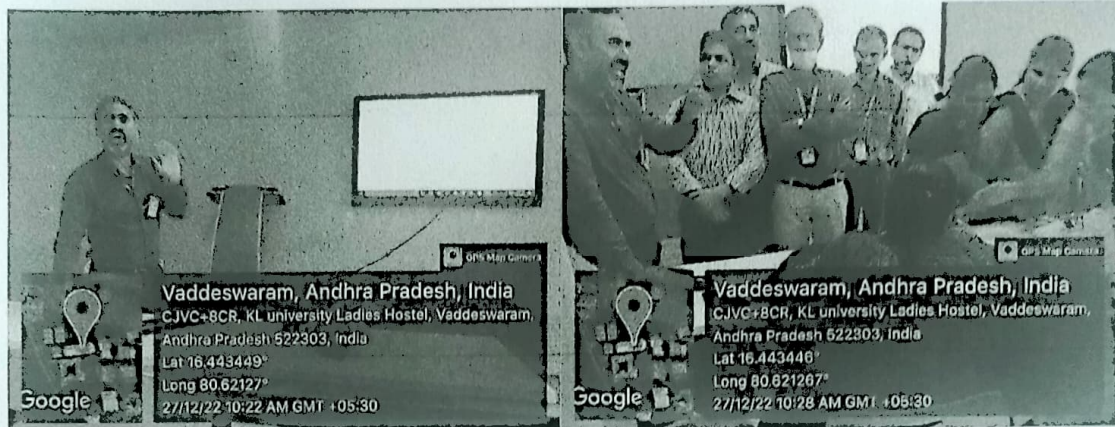
- Sampling
- Need of Sampling
- Reliability
- Factor Analysis
- Variable analysis and classification
- Procedure for sampling
- Random Sampling Technique
- Hypothesis Testing



Day – 2

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

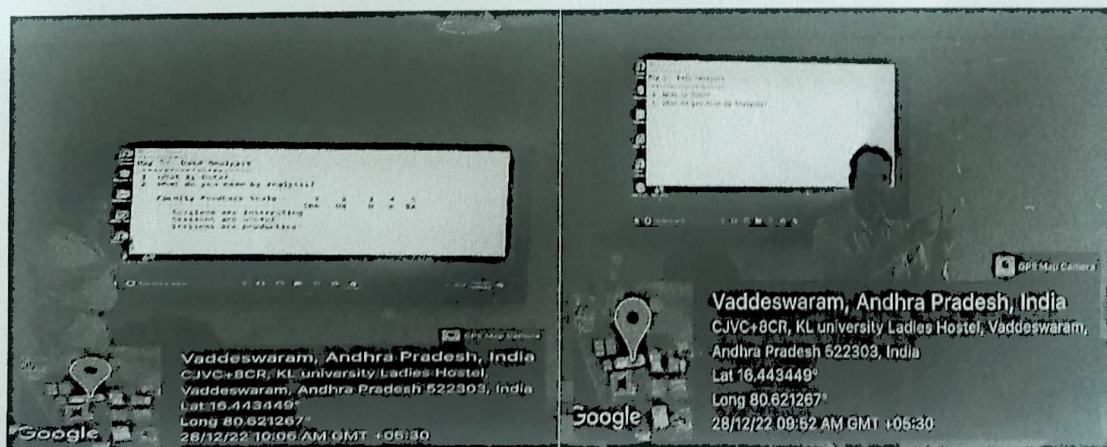
- Sample Design or Sample Procedures
- Types of Sampling
- Systematic Random Sampling
- Stratified Random Sampling
- Cluster Sampling



Day – 3

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

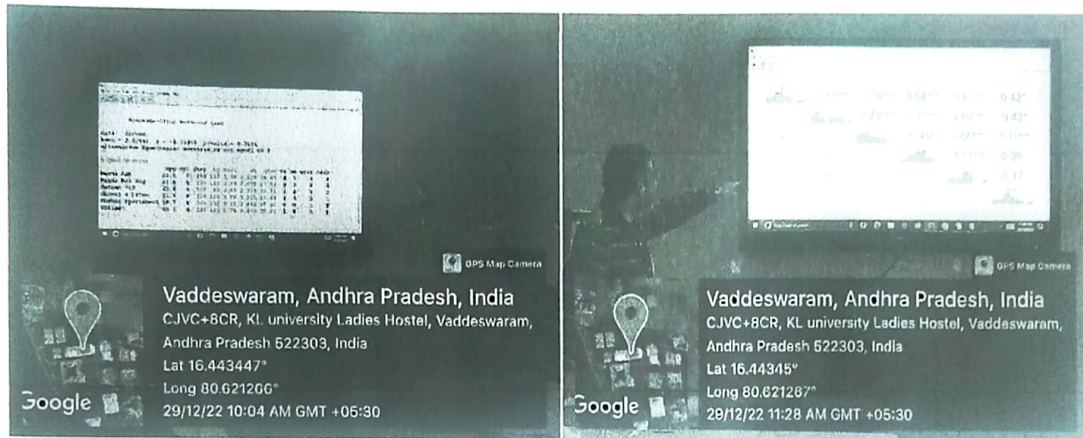
- Data Analysis
 - Exploratory Data Analysis
 - Confirmatory Data Analysis
- Hands – on R
- Descriptive Statistics



Day – 4

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

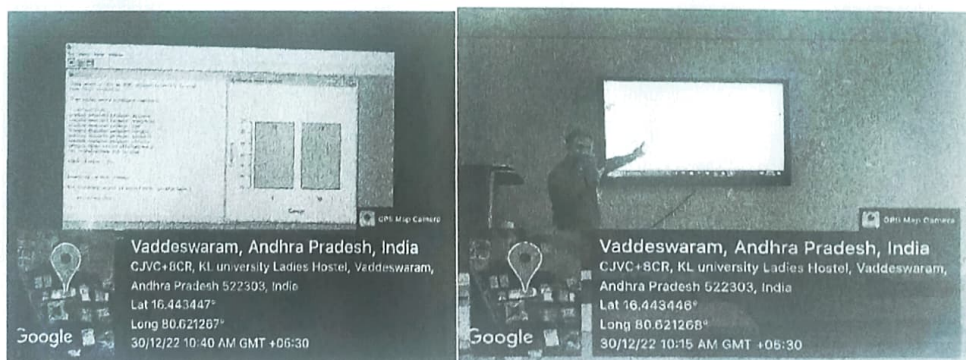
- Measures of Skewness
- Measures of Kurtosis
- Data Collection
- Quantile / Percentile
- Various Testing Techniques



Day – 5

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

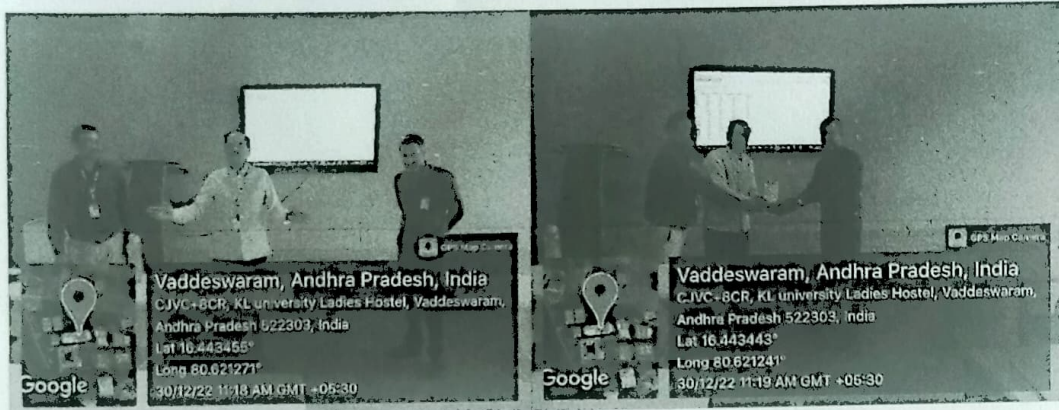
- | | |
|--------------------|-----------------------|
| GUI | Regression |
| R Packages | Presentation of Data |
| Correlation | Handling Missing Data |
| Correlation Matrix | EDA Reports |
| Covariance | |



Outcome of the Event:

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

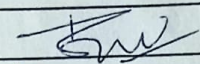
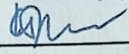

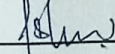
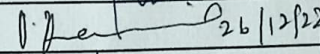
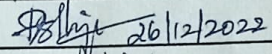
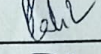
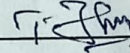
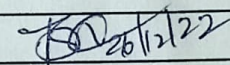
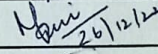
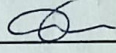
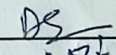
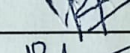
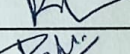
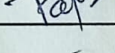
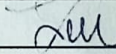
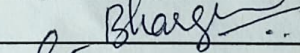
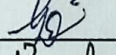
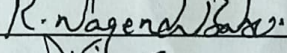
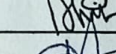

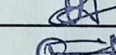
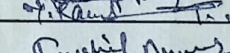
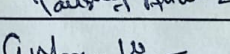
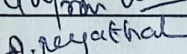
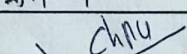
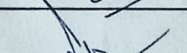
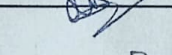
Glimpse of Valedictory Function



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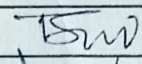
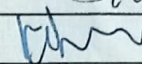

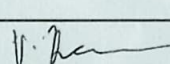
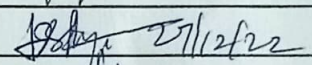
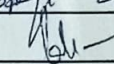
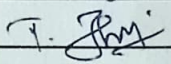
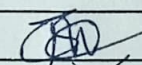
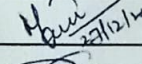
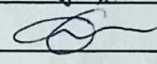
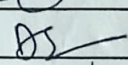
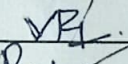
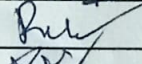
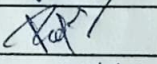
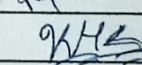
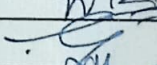
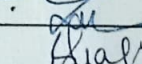
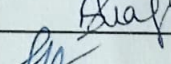
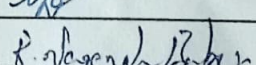
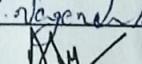
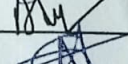
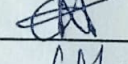
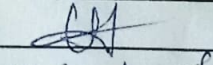
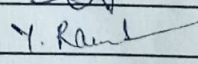
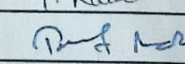
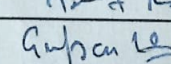
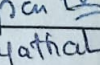
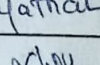
Department of Computer Science and Applications

Date: 26/12/2022

Emp ID	NAME	Designation	Signature
6494	Dr.K. Bhagavan	HOD	
6530	Dr. MNV Kiranbabu	Deputy HOD	
3673	Dr.C.M.Sheela Rani	Professor, Addt.COE	
3168	Dr.K.Kiran Kumar	Professor,	
7163	Dr. P.G.Sivagaminathan	Professor	
7242	Dr. V Valli Mayil	Professor	 26/12/22
7300	Dr. R D Sathiya	Professor	 26/12/2022
6607	Dr.B.Mouleswara Rao	Associate Professor	
6956	Dr. T. Thiruvankadam	Associate Professor	
7208	Dr. A Sivarama Krishnan	Associate Professor	
7266	Dr. K Himabindu	Associate Professor	 26/12/22
7415	Dr.G Manivasagam	Associate Professor	 26/12/22
6883	Dr.G.Venkateswarlu	Assistant Professor	
7039	Dr.A.Sabena Banu	Assistant Professor	
4957	Mr.N.Venkata Ramana	Assistant Professor	
6644	Mr.K. Rohit Kumar	Assistant Professor	
7008	Ms.Papiya Mukharjee	Assistant Professor	
7234	Mr. K Hari Krishna	Assistant Professor	
7243	Mr.Zulfikar Ali Ansari	Assistant Professor	
7254	Ms. Bhargavi Mopuru	Assistant Professor	
7257	Mr. Gobinda chandra Das	Assistant Professor	
7264	Mr.Nagendra Babu Rajaboina	Assistant Professor	
7280	Mr. Angalakudi Srinivas	Assistant Professor	
7281	Mr. Choutapalli Naga Raju	Assistant Professor	
7283	Mrs. Thonepudi Hema Latha	Assistant Professor	
7294	Mr. Rama Krishna Yellapragada	Assistant Professor	
7302	Mr. Taushif Anwar	Assistant Professor	
7306	Mr. Ghufuran Ahmad khan	Assistant Professor	
7373	Ms. A Priyadarshini	Assistant Professor	
7382	Mr. Ch. Phani Kanth	Assistant Professor	
7188	Mr. J Abraham dinakaran	Trainer	

Department of Computer Science and Applications

Date: 27-12-2022

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3673	Dr.C.M.Sheela Rani	Professor, Addt.COE	
3168	Dr.K.Kiran Kumar	Professor,	
7163	Dr. P.G.Sivagaminathan	Professor	
7242	Dr. V Valli Mayil	Professor	
7300	Dr. R D Sathiya	Professor	
6607	Dr.B.Mouleswara Rao	Associate Professor	
6956	Dr. T. Thiruvankadam	Associate Professor	
7208	Dr. A Sivarama Krishnan	Associate Professor	
7266	Dr. K Himabindu	Associate Professor	
7415	Dr.G Manivasagam	Associate Professor	
6883	Dr.G.Venkateswarlu	Assistant Professor	
7039	Dr.A.Sabena Banu	Assistant Professor	
4957	Mr.N.Venkata Ramana	Assistant Professor	
6644	Mr.K. Rohit Kumar	Assistant Professor	
7008	Ms.Papiya Mukharjee	Assistant Professor	
7234	Mr. K Hari Krishna	Assistant Professor	
7243	Mr.Zulfikar Ali Ansari	Assistant Professor	
7254	Ms. Bhargavi Mopuru	Assistant Professor	
7257	Mr. Gobinda chandra Das	Assistant Professor	
7264	Mr.Nagendra Babu Rajaboina	Assistant Professor	
7280	Mr. Angalakudi Srinivas	Assistant Professor	
7281	Mr. Choutapalli Naga Raju	Assistant Professor	
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Dr. K. BHAGAVAN

HOD-Computer Science and Applications

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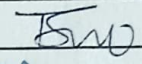
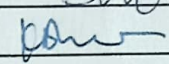

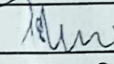
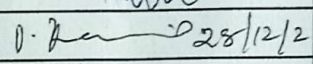
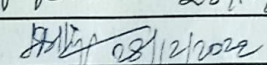
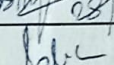
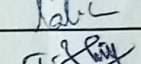
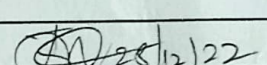
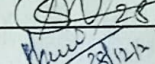
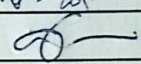
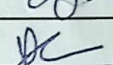
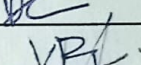
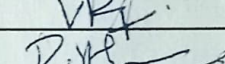
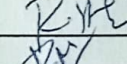
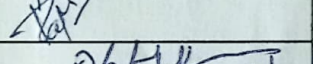
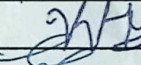
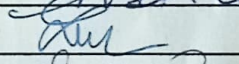
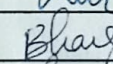
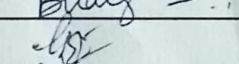

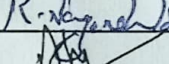
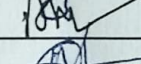
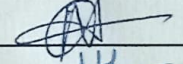
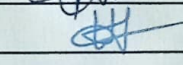
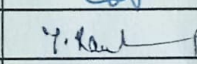
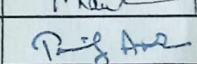
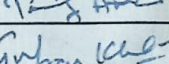
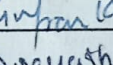
Guntur District, Andhra Pradesh-522502

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Department of Computer Science and Applications

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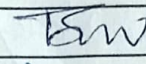
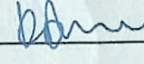
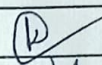
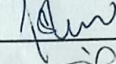
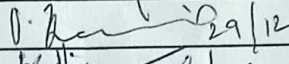
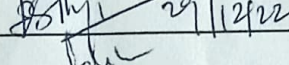
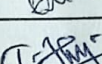
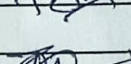
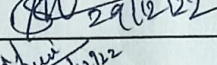
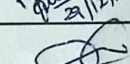
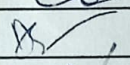
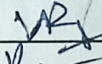
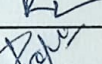
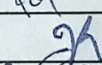
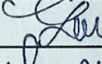
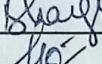
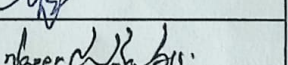
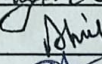

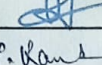
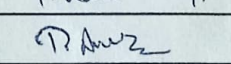
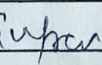
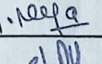
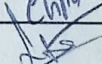
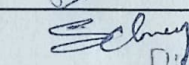
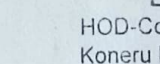
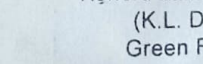
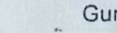
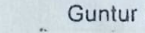
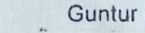
Date: 28.12.2022

Emp ID	NAME	Designation	Signature
6494	Dr.K. Bhagavan	HOD	
6530	Dr. MNV Kiranbabu	Deputy HOD	
3673	Dr.C.M.Sheela Rani	Professor, Addt.COE	
3168	Dr.K.Kiran Kumar	Professor,	
7163	Dr. P.G.Sivagaminathan	Professor	
7242	Dr. V Valli Mayil	Professor	
7300	Dr. R D Sathiya	Professor	
6607	Dr.B.Mouleswara Rao	Associate Professor	
6956	Dr. T. Thiruvankadam	Associate Professor	
7208	Dr. A Sivarama Krishnan	Associate Professor	
7266	Dr. K Himabindu	Associate Professor	
7415	Dr.G Manivasagam	Associate Professor	
6883	Dr.G.Venkateswarlu	Assistant Professor	
7039	Dr.A.Sabena Banu	Assistant Professor	
4957	Mr.N.Venkata Ramana	Assistant Professor	
6644	Mr.K. Rohit Kumar	Assistant Professor	
7008	Ms.Papiya Mukharjee	Assistant Professor	
7234	Mr. K Hari Krishna	Assistant Professor	
7243	Mr.Zulfikar Ali Ansari	Assistant Professor	
7254	Ms. Bhargavi Mopuru	Assistant Professor	
7257	Mr. Gobinda chandra Das	Assistant Professor	
7264	Mr.Nagendra Babu Rajaboina	Assistant Professor	
7280	Mr. Angalakudi Srinivas	Assistant Professor	
7281	Mr. Choutapalli Naga Raju	Assistant Professor	
7283	Mrs. Thonepudi Hema Latha	Assistant Professor	
7294	Mr. Rama Krishna Yellapragada	Assistant Professor	
7302	Mr. Taushif Anwar	Assistant Professor	
7306	Mr. Ghufraan Ahmad khan	Assistant Professor	
7373	Ms. A Priyadarshini	Assistant Professor	
7382	Mr. Ch. Phani Kanth	Assistant Professor	
7188	Mr. J Abraham dinakaran	Trainer	

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

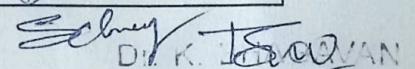
Department of Computer Science and Applications

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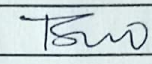
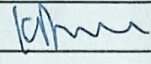
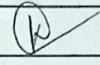
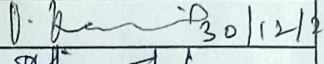
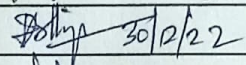

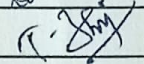
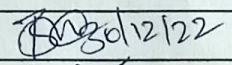
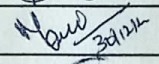
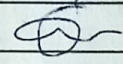
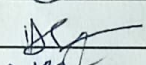
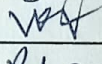
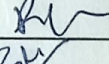
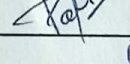
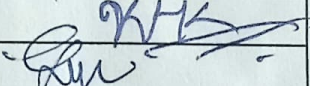
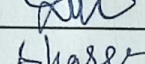
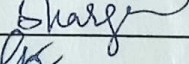

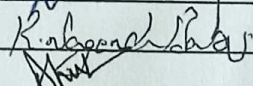
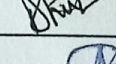

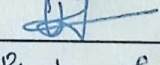
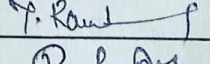
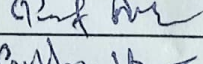
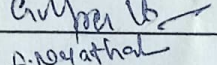
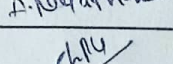
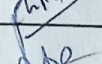
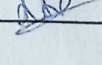
Assistant professor

 Dr. K. Bhagavan

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Department of Computer Science and Applications

Date: 30/12/22

Emp ID	NAME	Designation	Signature
6494	Dr.K. Bhagavan	HOD	
6530	Dr. MNV Kiranbabu	Deputy HOD	
3673	Dr.C.M.Sheela Rani	Professor, Addt.COE	
3168	Dr.K.Kiran Kumar	Professor,	
7163	Dr. P.G.Sivagaminathan	Professor	
7242	Dr. V Valli Mayil	Professor	
7300	Dr. R D Sathiya	Professor	
6607	Dr.B.Mouleswara Rao	Associate Professor	
6956	Dr. T. Thiruvankadam	Associate Professor	
7208	Dr. A Sivarama Krishnan	Associate Professor	
7266	Dr. K Himabindu	Associate Professor	
7415	Dr.G Manivasagam	Associate Professor	
6883	Dr.G.Venkateswarlu	Assistant Professor	
7039	Dr.A.Sabena Banu	Assistant Professor	
4957	Mr.N.Venkata Ramana	Assistant Professor	
6644	Mr.K. Rohit Kumar	Assistant Professor	
7008	Ms.Papiya Mukharjee	Assistant Professor	
7234	Mr. K Hari Krishna	Assistant Professor	
7243	Mr.Zulfikar Ali Ansari	Assistant Professor	
7254	Ms. Bhargavi Mopuru	Assistant Professor	
7257	Mr. Gobinda chandra Das	Assistant Professor	
7264	Mr.Nagendra Babu Rajaboina	Assistant Professor	
7280	Mr. Angalakudi Srinivas	Assistant Professor	
7281	Mr. Choutapalli Naga Raju	Assistant Professor	
7283	Mrs. Thonepudi Hema Latha	Assistant Professor	
7294	Mr. Rama Krishna Yellapragada	Assistant Professor	
7302	Mr. Taushif Anwar	Assistant Professor	
7306	Mr. Ghufraan Ahmad khan	Assistant Professor	
7373	Ms. A Priyadarshini	Assistant Professor	
7382	Mr. Ch. Phani Kanth	Assistant Professor	
7188	Mr. J Abraham dinakaran	Trainer	

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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