



St. JOSEPH'S DEGREE COLLEGE
Sunkesula Road, Kurnool – 518 004 A.P.
(Affiliated to Rayalaseema University, Kurnool)



ENHANCEMENT PROGRAMME on
DATA ANALYTICS

ACADEMIC YEAR- 2024-25

COURSE CO-ORDINATORS:
S.Latharani K.Amarnath

CIRCULAR

25-06-2024

Kurnool

In this day and age Data analytics has an important place in shaping one's career due to its huge demand in the market. In view of this Computer department in collaboration with Statistics department have decided to conduct a fresher program to help and support the staff dealing with the subject. This will go a long way in ensuring proper awareness of the subject and equip the staff to teach it

S.Latha Rani

HOD, Computer Science Department

GIST

An Enhancement Programme on "Data Analytics" was conducted by computer science department with collaboration of Department of Statistics of St. Joseph's Degree College, Kurnool from 27-06-2024 to 29-06-2024. The event aimed to learn about the Data Analytics for the enhancement of the computer faculty with the collaboration of statistics faculty. Data analytics is a broad term that encompasses many diverse types of data analysis. Any type of information can be subjected to data analytics techniques to get insight that can be used to improve things. Data analytics techniques can reveal trends and metrics that would otherwise be lost in the mass of information. This information can then be used to optimize processes to increase the overall efficiency of a business or system.

Data analytics is important because it helps businesses optimize their performances. Implementing it into the business model means companies can help reduce costs by identifying more efficient ways of doing business.

In view of its vast scope our department has come up with organizing an enhancement Program to keep the staff trained in this subject to meet the forthcoming challenges.

OBJECTIVE:

1. The primary objective of the enhancement program was to train the faculty of computer science in the field of Data Science and Data Analytics.
2. Data analytics is important because it helps businesses optimize their performances. Implementing it into the business model means companies can help reduce costs by identifying more efficient ways of doing business.

OUTCOME:

1. The Enhancement Programme held at St. Joseph's Degree College, Kurnool proved to be a resounding success.
2. The event achieved its objectives of learning Data analytics with the collaboration of Statistics Department and developed a keen interest in learning the subject.
3. By encouraging the staff to ask questions and share their experiences, the program fostered a positive and inclusive learning environment.

SYLLABUS

RESOURCE PERSON NAME	DAY & TOPIC
Mr.A.Viswanath	Day 1: Introduction: Overview, Data Science, Big Data Characteristics, Architecture – Core Layers, service layers; roles in data science team, life cycle of data-centric projects, big data life cycle.
Mr.K.Raveendra	Day 2: Pre-processing: Introduction, Measures of Central tendency-Mean, Median, Mode, sampling distributions, inferential statistics, ANOVA, feature selection-PCA.
Mr.P.Moulali	Day 3: Methods: Association rules, Apriori algorithm, overview of clustering, k- means algorithm, Regression- Linear, Logistic, Support Vector Machines, Classification- Decision Tree classification, Attribute selection, Naïve Bayes Classification

GALLERY



ATTENDANCE

Enhancement Program on Data Analytics from Dt.27 June, 2024 to 29 June, 2024					
Organized by Department of Computer Science in collaboration with Dept. of Statistics					
St. Joseph's Degree College, Sunkesula Road, Kurnool					
S.No.	Name of the Faculty	Email	Mobile No	Signature with Date	
				27-06-2024	28-06-2024
1	P. Aravinda Devi	aravinda123@gmail.com	99231747195	<i>[Signature]</i>	<i>[Signature]</i>
2	B. Hanjra Binazir	binazirhanjra@gmail.com	9573329200	<i>[Signature]</i>	<i>[Signature]</i>
3	V. Rajashekhara Varma	vrajasekhara@gmail.com	8139952555	<i>[Signature]</i>	<i>[Signature]</i>
4	K. Chaitanya Lakshmi	chaitanya.lakshmi@gmail.com	990024488	<i>[Signature]</i>	<i>[Signature]</i>
5	T. Raja Lakshmi	rajalakshmi@gmail.com	9702125037	<i>[Signature]</i>	<i>[Signature]</i>
6	T. S. Rajkumar	rajakumar123@gmail.com	988578787	<i>[Signature]</i>	<i>[Signature]</i>
7	T. Ramesh	ramesh123@gmail.com	978578787	<i>[Signature]</i>	<i>[Signature]</i>
8	P. Anurag	anurag123@gmail.com	988578787	<i>[Signature]</i>	<i>[Signature]</i>
9	A. Mallikarjun	mallikarjun123@gmail.com	978578787	<i>[Signature]</i>	<i>[Signature]</i>
10	S. S. Babu	sababu123@gmail.com	978578787	<i>[Signature]</i>	<i>[Signature]</i>
11	P. Anurag	anurag123@gmail.com	988578787	<i>[Signature]</i>	<i>[Signature]</i>
12	T. Raja	rajalakshmi@gmail.com	978578787	<i>[Signature]</i>	<i>[Signature]</i>
13	P. Moulali	moulali123@gmail.com	978578787	<i>[Signature]</i>	<i>[Signature]</i>

14	K. Raveendra	kaveendra123@gmail.com	978578787	<i>[Signature]</i>	<i>[Signature]</i>	RESOURCE PERSON
15	P. Siva Kumar	sivakumar123@gmail.com	978578787	<i>[Signature]</i>	<i>[Signature]</i>	RESOURCE PERSON
16	N. Rajinikanth	rajinikanth123@gmail.com	978578787	<i>[Signature]</i>	<i>[Signature]</i>	RESOURCE PERSON
17	A. Viswanath	viswanath123@gmail.com	978578787	<i>[Signature]</i>	<i>[Signature]</i>	RESOURCE PERSON
18	O. Hanumanth Reddy	hanumanthreddy123@gmail.com	978578787	<i>[Signature]</i>	<i>[Signature]</i>	RESOURCE PERSON
19						
20						

[Signature]
Head
Dept. of Statistics
St. Joseph's Degree College
KURNOOL

S. K. Moulali
HOD
Dept. of Computer Science
St. Joseph's Degree College
Sunkesula Road,
KURNOOL-515 011