Aurora's Degree & PG College
(ACCREDITED BY NAAC WITH 'B++' GRADE)
Chikkadpally, Hyderabad 500020
EVENT PROPOSAL

Event Name: A Two –Day Work Shop

Event Title: Data Science

Cell Convenor: K.Sujatha

Faculty coordinator: P.Anjaneyulu

Date & Venue: 19.12.19 & 20-12-19, Aurora Degree &PG College

Target audience: PG Students

Level: Inter College Level

Budget: Rs 24,000/-

Student volunteer's: Vishal goud & Mettilda

Objective: To Create Significance of Data Science on various fields.

Proposed activities: Extension lecture & Practical session

Aurora's Degree & PG College

(ACCREDITED BY NAAC WITH 'B++' GRADE)
Chikkadpally, Hyderabad 500020

NAME OF THE EVENT	A Two –Day Workshop on Data Science
FACULTY INCHARGE	Hari Prasad & K Parimala Diana Sudhir
DEPARTMENT	Statistics
DATE	19th & 20Th December2019
VENUE	Aurora's Degree & PG College
TARGET AUDIENCE	PG Students

OBJECTIVE: To Create Significance of Data Science on various fields

BRIEF ABOUT THE EVENT:

   A Two-Day workshop on Data science using PYTHON organized by the department of statistics on 19th and 20th December 2019 in collaboration with WebTek Labs Pvt.Ltd **at computer Lab –I of Aurora's Degree & PG College at rtc X road , Hyderabad.**

Day-1

Mr. Intisar Menhdi resource person started the session and he explained about the workshop in detail. Resource person touched on the following topics

- Artificial Intelligence
- Machine learning introduction and various agent types.
- Supervised and unsupervised learning.
- What is Python, it's introduction
- Installing anaconda , understanding the spyder integrated development

Day-2

 Session started by again Mr. Intisar Menhdi and he explained the following topics

- Introduction to visualization and its importance
- Python visualization libraries and creating line plots , Bar charts, Pie charts , Histogram and scatter plots etc.
- Linear regression –Problem analysis, mathematical model , programming using Python , multivariate regression model and best fit linear regression models etc.

OUTCOME:

This event has made students centric, students actively participated in this workshop.Students came to know about writing Python programming . The lecture & Practical session was of great benefit to all the participants.

PHOTOGRAPH

DETAILED REPORT : (Give complete information about the event, including the following)

A Two-Day workshop on Data science using PYTHON organized by the department of statistics on 19th and 20th December 2019 in collaboration with WebTek Labs Pvt.Ltd **at computer Lab –I of Aurora's Degree & PG College at rtc X road , Hyderabad .**

Proceedings:

  Chief guest Dr. Vishwanadham Bulusu and Resource person Mr. Intisar Menhdi from WebTek Labs Pvt.Ltd

    Ms. Kiranmayi , faculty of department of statistics, presented the welcome address with a brief about the workshop and its need in today's growing technological world , also presented the strength of the department . This was followed by the brief encouraging note by the principal **Dr.**Vishwanadham Bulusu , the participants were suggested to utilize this opportunity to enhance their knowledge and make the best use of it for their future career.

Day-1

Session-1

Mr. Intisar Menhdi resource person started the session and he explained about the workshop in detail. Resource person touched on the following topics

- Artificial Intelligence
- Machine learning introduction and various agent types.
- Supervised and unsupervised learning.
- What is Python, it's introduction
- Installing anaconda , understanding the spyder integrated development

    The participants got basic knowledge of Python programming.

Lunch: For participants and faculty members

Session-2

 Session started by again Mr. Intisar Menhdi and he explained the following topics

- Python basics and string manipulation
- Lists, tuples, dictionaries, variables & control structure –If loop , for loop, and while loop etc.
- Data manipulation in Python - Introduction to arrays , creating arrays, mathematical computing basics etc.
- Basic statistics , combining and merging data flows , string manipulation etc.

End of Day-1

Day-2

Session-1

 Session started by again Mr. Intisar Menhdi and he explained the following topics

- Introduction to visualization and it's importance
- Python visualization libraries and creating line plots , Bar charts, Pie charts , Histogram and scatter plots etc.
- Linear regression –Problem analysis, its mathematical model , programming using Python , multivariate regression model and best fit linear regression models etc.

Lunch: For participants and faculty members

Session-2

 Session started by again Mr. Intisar Menhdi and he explained the following topics

- Forming a decision tree , components , evaluation and practical examples
- Logistic regression and its problem analysis and cost function formation .
- Digit recognition using logistic regression.
  Feedback was taken.

End of Day-2

Vote of Thanks:

            The valedictory was conducted at the end of the program with **Chief guest Dr.**Vishwanadham Bulusu and Resource person Mr. Intisar Menhdi , the Principal also spoke on this occasion, and certificates were distributed to the participants and co-ordinaters . Many participants and faculty from different colleges expressed their views and thanked the college for the encouragement and motivation towards their career plans. Ms. Parimala Diana Sudhir, Head of the Statistics department presented the vote of thanks. The event concluded with national anthem.

1. LIST OF THE STUDENT COORDINATORS (NAME , ROLL NO, CLASS & SECTION)

Name	Roll No	Class
Bingi Vishal Goud	105119507043	MSC(Statistics)
Mothi Mettilda	105119507037	MSC(Statistics)

2. LIST OF THE PARTICIPANTS (NAME , ROLL NO, CLASS & SECTION)

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3. **EVENT PHOTOS (MIN 2 MAX 4)**