NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC

Accredited by **NAAC** with 'A' Grade.

EXTERNAL CO-CURRICULAR PARTICIPATION REPORT

STUDENT INFORMATION

NAME	ANVS Manideep
USN	1NH18EC012
DEPT	Electronics and Communication
CURRENT PROGRAM	B.E
CURRENT SEMESTER	IV

CO-CURRICULAR EVENT INFORMATION

EVENT NAME	Data Science/Machine Learning (Real Life Application)
EVENT VENUE	Online
EVENT DATES	23rd and 24th April 2020
NO. OF DAYS	2
EVENT TYPE (Tick One)	☐ CONFERENCE ☐ SEMINAR ✓ WORKSHOP ☐ SYMPOSIUM ☐ HACKATHON ☐ TECHNICAL FEST ☐ MOOCS ☐ OTHERS (PLEASE SPECIFY) _____

NOTE: THE **ORIGINAL** PROOF OF ATTENDANCE MUST BE ATTACHED ALONG WITH THIS FORM

PROOF OF ATTENDANCE ATTACHED	PARTICIPATION/COMPLETION CERTIFICATE

Submission of a Report

A typed report on the co-curricular event participated must be attached to this form. The report must be of at least <u>two pages</u> outlining the **technical aspects** of the event and the take- away from attending the same.

Association of
Training & Placement Officers

A T P O

उद्योग संस्थान सहयोग संघ

राष्ट्रीय औद्योगिक प्रशिक्षण संस्थान

Industry Institute Collaboration Association   **National Institute for Industrial Training**

Registered Under Government of West Bengal | Certificate of Registration Under Section 60 & Rule No. 69 Govt.of West Bengal
Empanelled Under NITI AAYOG Govt.of India | Inspired By: National Task Force on IT & SD Govt.of India

Certificate of Participation

This is to certify that

ANVS MANIDEEP

has successfully participated workshop on Data Science/ Machine Learning (Real Life Application).

Organized By:

JIS College Of Engineering, Dept. of Electronics and Communication Engineering

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Contact: Indian Engineering Teachers Association (Head Office: Tapasya Corporate Heights , Regus Paradigm, Noida , UP)
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REPORT

I have attended a Data Science/Machine learning workshop on Real life Applications which was conducted by "National institute of Industrial training" on 23rd and 24th April 2020. It was for 2 hours on each day. We have done this workshop in Google Colab which is the best environment for learning Python. The workshop was all about how industry is analysing data on real life Applications using python and machine learning concepts and techniques. on, the first day of the workshop we have analysed some data based on employee name, employee I'D, employee salary etc. We have taken the data of around 500 employees in an organisation. we used python commands to analyse the data. We have obtained and analysed it using different types of plots and different types of bar graphs, line graphs, Pie chart, etc. we categorised from

on how many employees are receiving more than 1 lakh salary per month and how many are working in the organisation from past 2 years, etc. We have exactly worked in the same way as how the industry is currently working on real life projects in data science and machine learning. Then we concluded with the first day of the workshop. Coming to the second day we started working on real updates of COVID-19. We have taken the data from the Government website and extracted the data into google Colab. Then we observed all the data of COVID-19 like how many states have registered the cases, in which state how many people are suffering from this, then we analysed the graphs of increasing cases in each state and each country all over the world. Also, how many countries are having more 1 lakh cases, also analysed in the form of graph like when did the government started taking Precautions.

Also, how much time did the goverment take in understanding the situation when the cases started to rise in India. We also obtained the updates on each day like how many cases are arising, No.of people who are losing their lives everyday and the Percentage of recovery in each and every state and every country.