



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY
(Permanently Affiliated to JNTUK, Kakinada, Approved by AICTE, New Delhi,
Accredited by NAAC-UGC)
Recognized by UGC Under Section (2f) and 12(B) of UGC Act 1956
Aditya Nagar, ADB Road, Surampalem,

Title: Hands-on Experience data science using Python

Date: 03-09-2021 to 04-09-2021

Resource person: Dr. B. Naga raju
Assistant professor
CSE department
NIT Nagaland

Objective of workshop: This program objective is to cover the fundamental concepts of Data Science Using Python and the outcome of this workshop is, the participants are expected to get a fair amount of foundational knowledge on Data Handling, Analysis, Pre-processing and Visualization concept implementation using Python built-in libraries.

Beneficiaries: students and faculty

Outcome of the event: This online hands-on workshop is designed in keeping the objective to emphasize the importance of Data Science in the current generation, how to handle data using python with respect to CSV files, Excel Workbook and Database connectivity. The workshop also focuses on creating fabricated datasets that can be the foundation for data handling methods in Data Science. A case-study driven approach will be followed with fabricated datasets and real datasets for the entire duration of the workshop to explain the concepts of Data Handling, Pre-processing, Analysis and Data Visualization by making use of methods available in Pymysql, Numpy, Pandas, Scikit-learn, Matplotlib, Seaborn, libraries

Budget

S.no	Budget Head	Amount
1.	Honorarium to the Expert(s) (Dr. B. Naga raju)	5000/-
Total amount		5000/-

Media coverage

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PRINCIPAL
Aditya College of Engineering
& Technology
SURAMPALAM-533487

About College
 The College is situated in an eco-friendly area of 180 acres, with thick greenery at Surampalem, Gandipalli Mandal, East Godavari District, Andhra Pradesh. The dream of its founding fathers took shape in 2004 in the form of Sri Lakshmi Institute Of Science And Technology, which is now renamed as Aditya College Of Engineering and Technology (ACET) under the aegis of Sarvepalli Educational Society, Kakiruda with the approval of AICTE and Permanently affiliated to JNTU, KARNATAKA and is accredited by National Assessment And Accreditation Council (NAAC) with 'B' Grade. The college also received UGC recognition under Sections 2(f) & 12(B) of the UGC Act.

About Department
 Department of Computer Science and Engineering has been successfully functioning since 2004. It offers B.Tech (CSE) with an intake of 120 and M.Tech (CSE) with 12 students. Department of CSE has good interactions and MOUs with leading technology (Academy Training & Development) industries with Infosys (Campus Connect), Microsoft Campus Agreement, APJEC. It organizes Ex-cursions, Conferences, Seminars and Workshops for both students and faculty belonging to various Technical Educational Institutions all over India. Our students are placed in various top MNCs like Infosys, TCS, Tech Mahindra, Accenture, Capgemini, Samsung etc.. Faculty of CSE are always dedicated and devoted towards the comprehensive development of their students by training them physically through enough sports & games/psychologically through technical competitions globally.

About Workshop
 This online hands-on workshop is designed in keeping the objective to emphasize the importance of Data Science in the current generation. It focuses on handling data using python with respect to CSV files, Excel Workbook and Database connectivity. The workshop also focuses on creating fabricated datasets that can be the foundation for data handling methods in Data Science. case-study driven approach will be followed with fabricated datasets and real datasets for the introduction of the workshop to explain the concepts of Data Handling, Pre-processing, Analysis and Data Visualization by making use of methods available in Python, Numpy, Pandas, Seaborn, Matplotlib, Scikit-learn, etc.

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 Mr. R. V. N. Ramesh Rao, IT-HOD, ACET

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Mr. B. Srinivas, CSE	Mr. N. Nandhan, CSE
Mr. N. Sunil, CSE	

About Resource Person of the Workshop
 Dr. B. Nagaraj currently working as Assistant Professor, CSE at NET, Nagaland. He has published several papers in National, International conferences & Journals. He acted as Session Chair for two International Conferences. Conducted a lot of online & offline FDPs, Workshops, Seminars, STPs and Motivational talks for students and faculty. He served as Deputy Registrar at NET, Nagaland & member of Academic council, Board of Studies and also University level officer. He acted as Technology Consultant at Hivolt Packard for 3 years and Project Leader at Tech Mahindra R & D Services.

Two Days workshop
ON
"Hands on Experience of Data Science using Python"
 03rd - 04th September, 2021

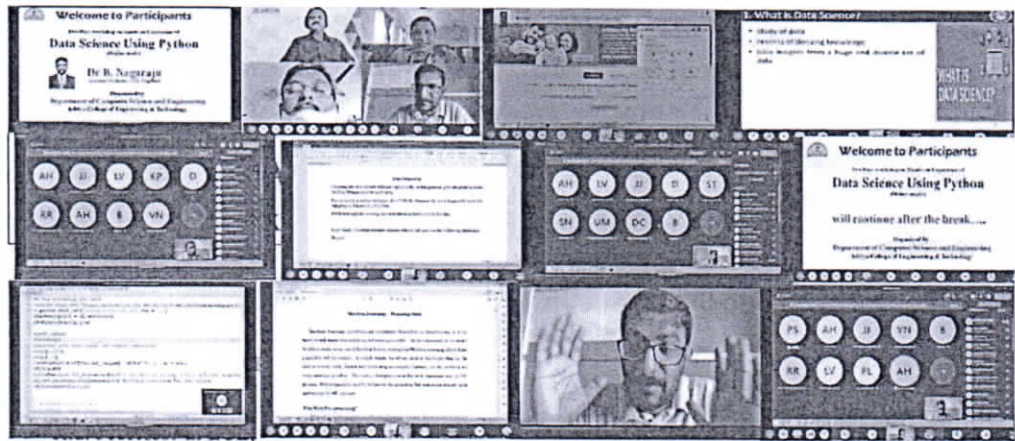




Organized by
 Department of Computer Science and Engineering

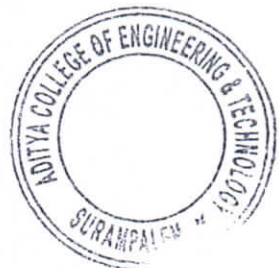


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ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY
 Gallery coverage of Hands-on Experience data science using Python

M. Suresh



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