



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. 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. Naga raju)	5000/-
Total amount		5000/-

Media coverage

About College

The College is situated in an eco-friendly area of 180 acres with thick greenery at Surampalem, Gandepalli Mandal, East Godavari District, Andhra Pradesh. The dreams of its bounding fathers took shape in 2004 in the form of Sri Sai Aditya Institute Of Science And Technology which is now renamed as "Aditya College Of Engineering and Technology (ACET)" under the aegis of Sarojini Educational Society, Kakinada with the approval of AICTE and Permanently affiliated to JNTUK KAKINADA 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 domain Training & Development Industries with Infosys (Campus Connect), Microsoft (Campus Agreement), APSSDC. It organizes Exhibitions, 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, Cognizant, 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. 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.

Chief Patron

Dr. N.Sesha Reddy
Chairman, Aditya Group of Educational Institutions

Patron

Dr. N.Satish Reddy
Vice Chairman, Aditya Group of Engineering Colleges

Co Patron(s)

Dr. M.Sreenivasa Reddy, Director, Aditya Group of Engineering Colleges
Dr. T.K.Ramakrishna Rao, Principal, ACET
Dr. A.Ramesh, Principal, ACOE

Convenors

Dr. M. Anil Kumar, CSE-HOD, ACET
Mr. RVVN Bheema Rao, IT-HOD, ACET

Co-ordinators

Mrs. J. Divya Lalitha Sri, Asst. Professor, CSE, ACET
Mrs. V.S.L. Kantham, Asst. Professor, CSE, ACET

Organizing Committee

Dr. R.V.S. Lalitha, CSE
Dr. Ch.V. Raghavendran, IT
Mr. Ch.S.V.V.S.N. Murthy, CSE
Mr. B. Manikayala Rao, CSE
Mrs. T. J. L. Sarwani, CSE
Mr. B. Srinivas, CSE
Mr. N. Sunil, CSE

Mr. G.Chandra Sekhar, IT
Mrs. R. Lalitha, IT
Mr. M.M Siva Krishna, IT
Mr. T. Srinivasulu, IT
Ms. SK. Vahida, CSE
Ms. N. Madhuri, CSE

About Resource Person of the Workshop

Dr. B. Naga Raju currently working as Assistant Professor, CSE at NIT, 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, STTPs and Motivational talks for students and faculty. He served as Deputy Registrar at NIT, Nagaland & member of Academic council, Board of Studies and also University Nodal officer. He acted as Technology Consultant at Hewlett 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



Faculty Registration



Data Science with Python

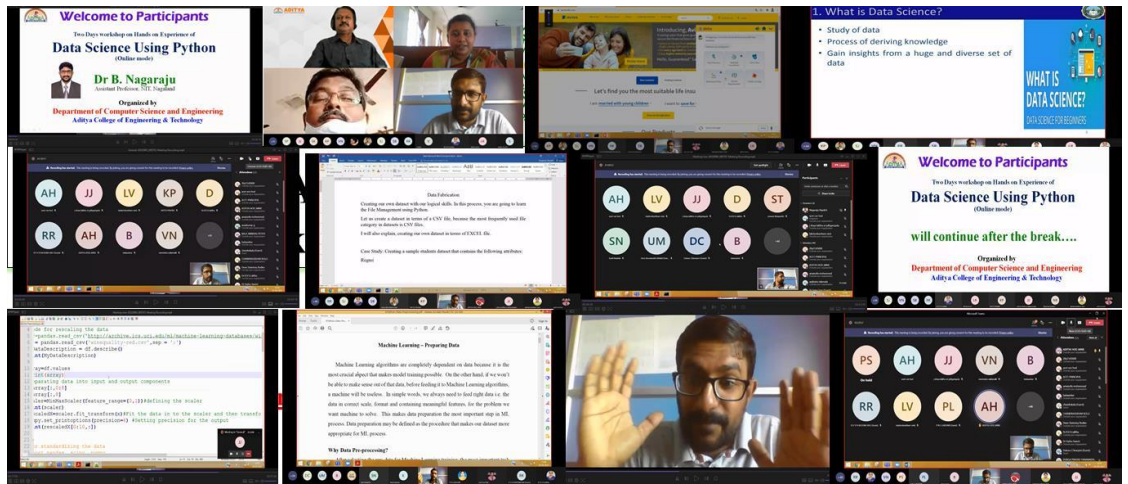


Student Registration

Organised by
Department of Computer Science and Engineering



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY
Permanently Affiliated to JNTUK, Kakinada, Approved by AICTE, New Delhi, Accredited by NAAC
Recognized by U.G.C. under section 2(f) & 12(B) of U.G.C. Act 1956
Aditya Nagar, ADB Road, Surampalem, E.G.D.R - 513 437
<http://www.acet.ac.in>



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

