



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
An Autonomous Institute

Approved by A.I.C.T.E., Permanently Affiliated to JNTUGV
Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO14001:2015 & ISO 45001:2018 Certified Institute.



NH-16, Anakapalle-531002, Visakhapatnam, A.P. Website: www.diet.edu.in, 9963993228, E-mail: hodese@diet.edu.in

**A report on
Data Analytics Training Program
for Final Year Students
in association with
ICT Academy**

Chief Patron : Sri Dadi Ratnakar, Chairman

Patron : Dr. R. Vaikunta Rao, Principal

Convener : Dr. K. Sujatha, Professor in CSE

Dates : 26th March - 29th March, 2025

ICT-IBM DATA ANALYTICS



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Department of Computer Science & Engineering

IBM TRAINING PROGRAM ON
DATA ANALYTICS

Sponsored by
ICT Academy

26.03.2025 - 29.03.2025



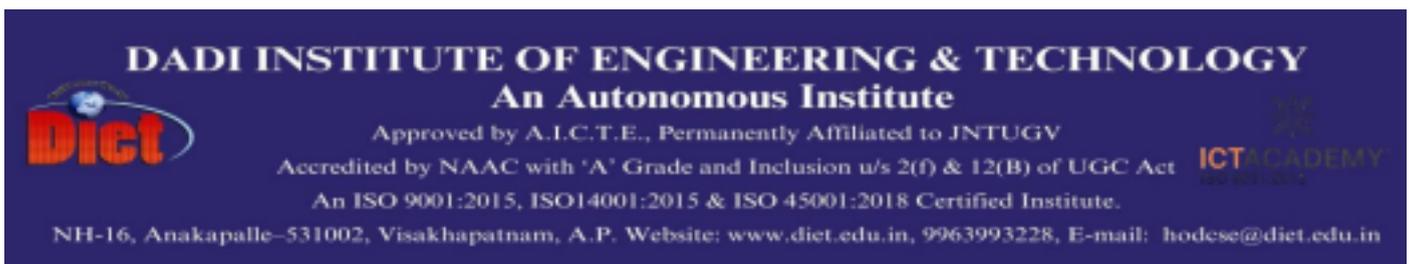
Dr. K. Sujatha
HOD - CSE

Dr.R.Vaikunta Rao
Principal

Sri Dadi Ratnakar
Chairman

The distinguished Dadi Institute of Engineering & Technology, Visakhapatnam conducted Advanced IT Skills Training on Data Analytics from 26th March to 29th March-2025 in Association with ICT Academy & IBM India Pvt. Ltd for B. Tech Final Year Students. Data analytics courses offer significant benefits to engineering students, enhancing their problem-solving skills, broadening career opportunities, and enabling them to make data-driven decisions in their fields.

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About DIET:

Dadi Institute of Engineering & Technology (DIET) - NAAC 'A' Accredited Institute achieved Autonomous status in 2023 and became a forerunner of designing and initiating novel programs that are relevant to the demands of technical trends. The developments, both in terms of infrastructure as well as academic matters, have gained momentum over the last seventeen years. Recently, DIET has been awarded as TOP RATED INSTITUTE with 4 star rating across India by Institution's Innovation Council, Ministry of Education, Govt. of India for consecutive years 2021 and 2022. DIET is one among the premier institutes to have an active International and National Professional bodies like IEEE, ISTE, IET, ACM, ISTE, CSI, Microsoft IT Academy, The Institution of Engineers, etc functioning potentially and DIET has been allotted as "Cambridge ESOL Examination Centre" by prestigious Cambridge University, UK. DIET has MoUs with reputed organizations like NRDC, ISRO, BSNL, EDUskills, APSSDC etc. as part of its industry connect to help student fraternity to up skill and have practical exposure to the developments in the field of science and technology and also to establish collaborative labs for major and minor projects. DIET has been awarded BAND PERFORMER in the ATAL RANKING OF INSTITUTIONS IN INNOVATION ACHIEVEMENT-ARIIA 2021 on 29th December, 2021 and ranked in band 151-300 in NIRF INDIA Rankings by AICTE & Ministry of Education, Govt. of India.

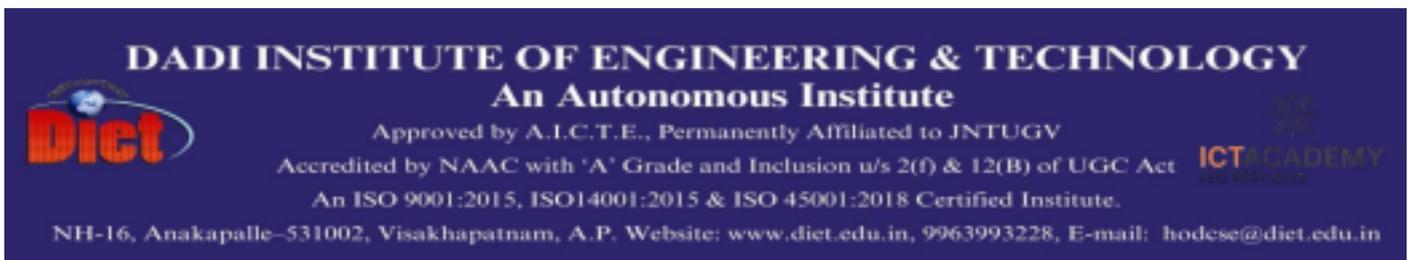
About ICT Academy

ICT Academy is a leading provider of cutting-edge training programs that bridge the skills gap in the technology and engineering sectors. Through collaborations with global technology giants like IBM, ICT Academy offers students access to the latest tools and industry expertise, helping them build successful careers in the digital world.

About IBM

IBM is a global technology leader known for its contributions to artificial intelligence, cloud computing, and data analytics. With a strong commitment to education and workforce development, IBM provides innovative solutions to help organizations and individuals succeed in a data-driven world.

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Topics Covered

1. Python introduction
2. Installing Anaconda, Variables
3. Array implementation, File Methods
4. Keywords and Identifiers, Control Structures
5. List, Tuples and its operations, Sets, Dictionaries
6. String and String manipulation functions
7. Python Directory and File management system
8. Input Output and Import operations
9. Shallow copy and Deep copy, Read and Write operations
10. Introduction to NUMPY and its basic operations
11. Numpy mathematical functions, Advance indexing, iterating over Array
12. Joint, Split, Search, Sort and Filter, Stacking and Broadcasting
13. Series, Data Frames and Read Files using pandas
14. Data cleaning, Working with missing data, Boolean Indexing and Universal functions
15. Group by, Working with Text data

16. Creating Pandas Series, Merging, Joining, Concatenation
17. Working with Date and Time using Pandas
18. Working with pandas Xlsx Writer
19. Selecting Random samples, Duplicate Data, Query method()
20. Statistics and probability concepts for data science
21. Sampling and Types of Sampling Techniques, Types of Probabaility Sampling
22. MATPLOT LIB, Subplots and Legends
23. Plot Lines, Multiples, Opacity, Bar plots and its types
24. Pie chart ,Sea bom and its styles and Scipy

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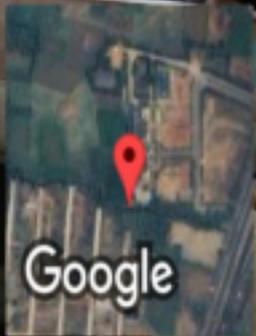
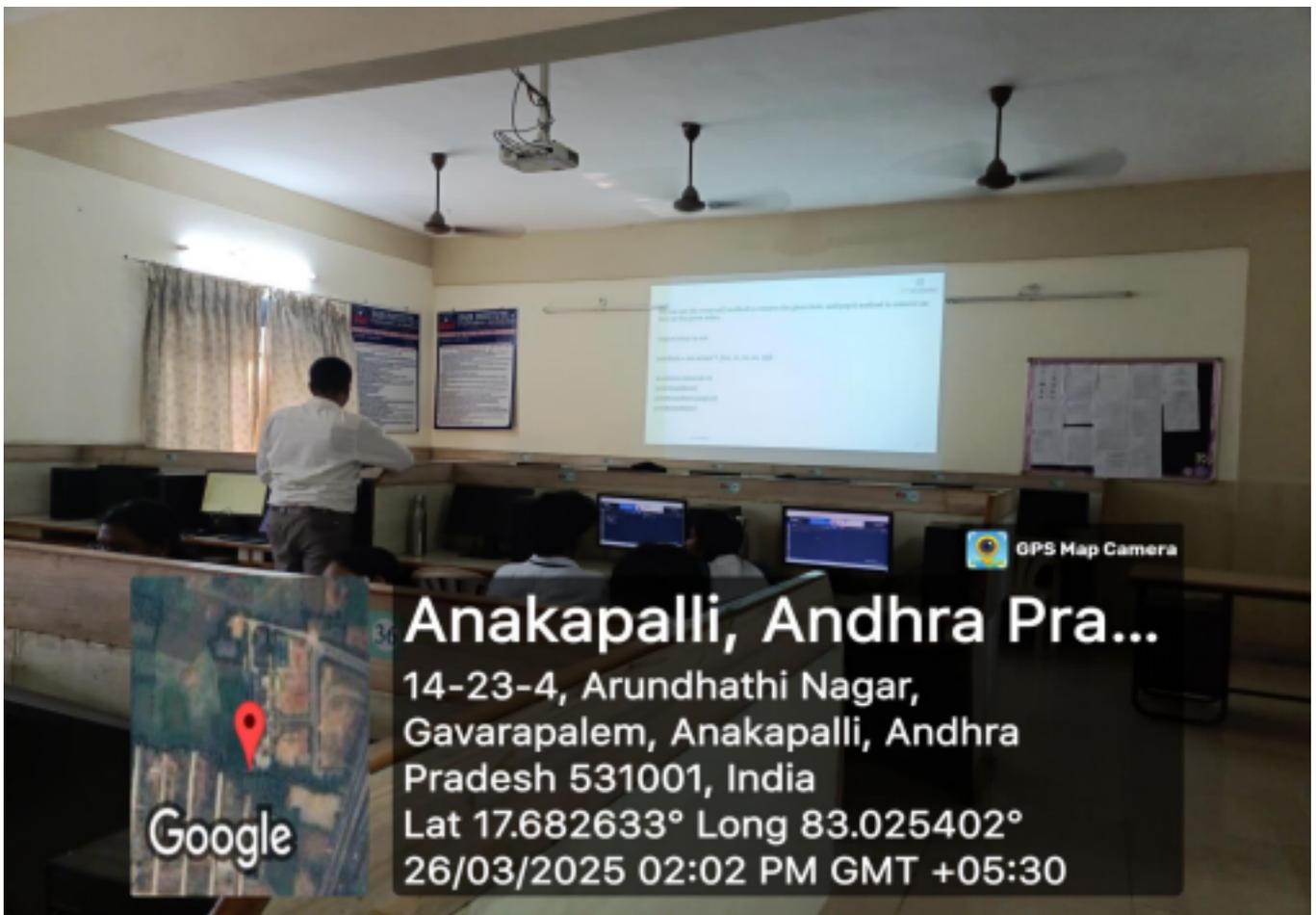
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Glimpses of Training Program:





Google

Anakapalli, Andhra Pra...

14-23-4, Arundhathi Nagar,
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Pradesh 531001, India

Lat 17.682633° Long 83.025402°
26/03/2025 02:02 PM GMT +05:30

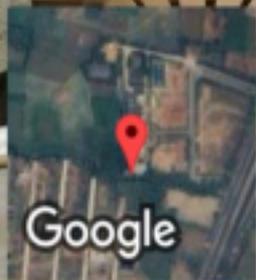
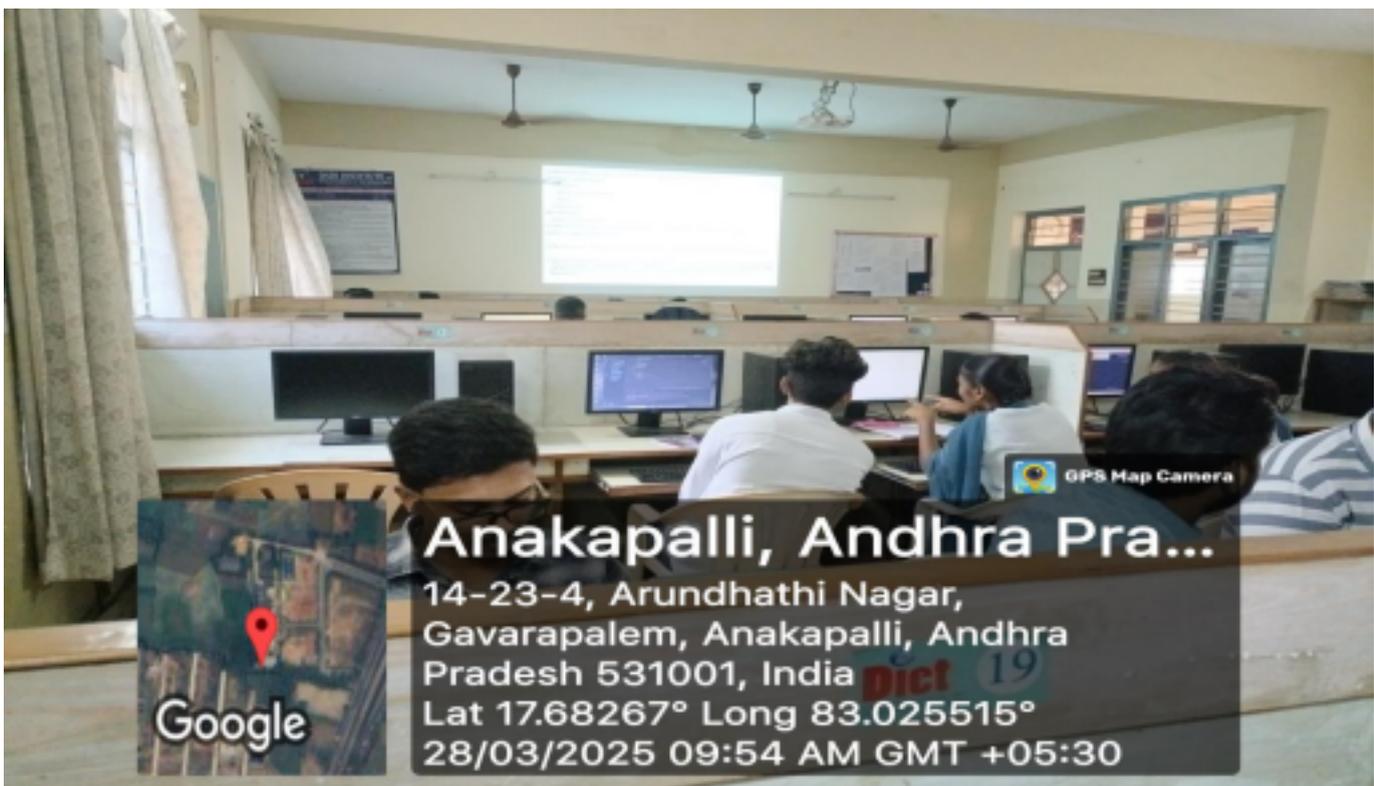
GPS Map Camera

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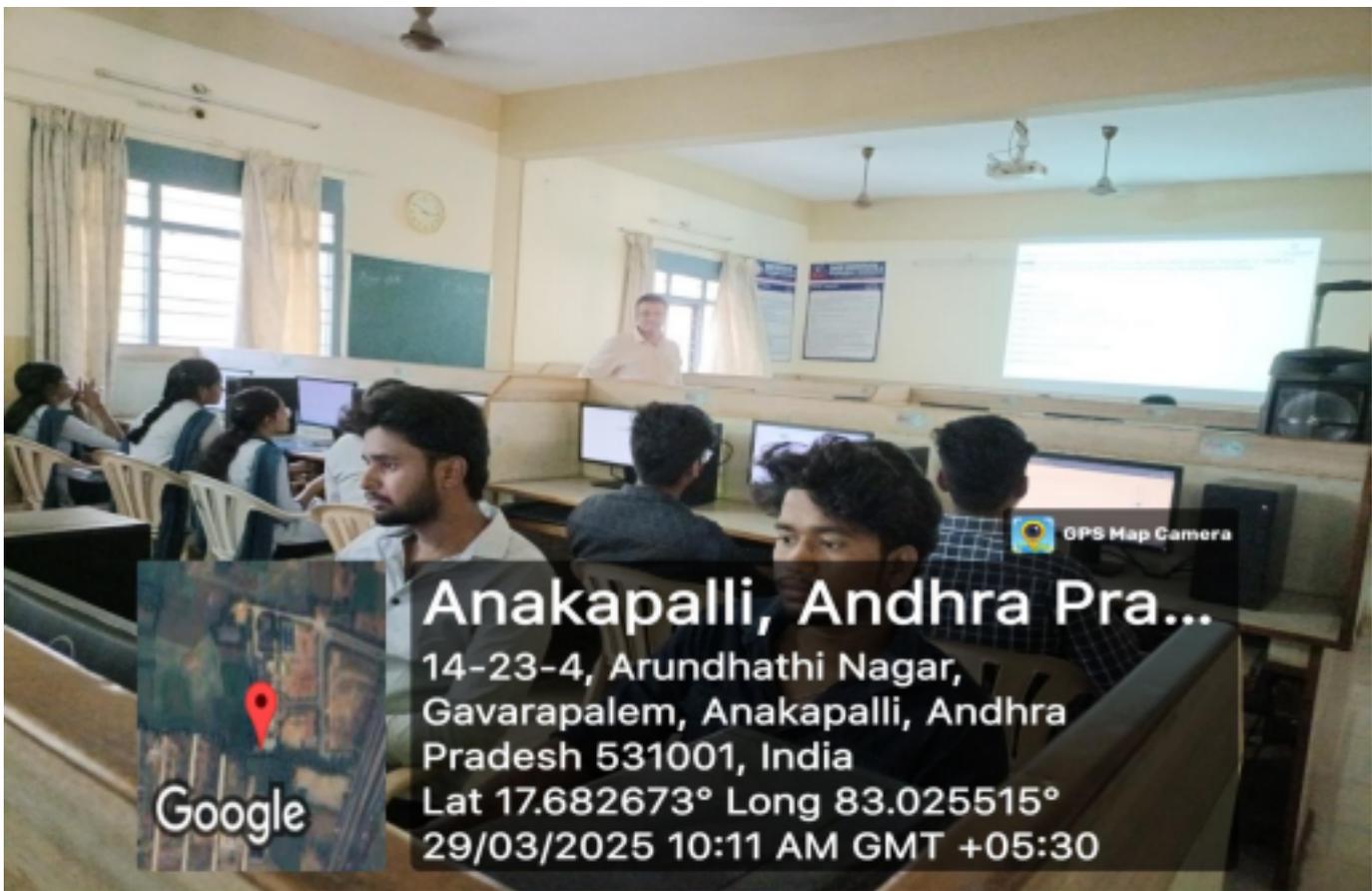
Google

Anakapalli, Andhra Pra...

14-23-4, Arundhathi Nagar,
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Lat 17.68267° Long 83.025515°
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GPS Map Camera



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Diet **ICT ACADEMY**

Final Glimpse of ICT IBM TRAINING





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27		POLA HARSHITHA	21U41A0597	IV CSE
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29		RANGUMUDRI GANESH	21U41A05A1	IV CSE
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34	247037	KADAVALA GIRISH GIRIDHAR	21U41A05C8	IV CSE
35	247020	KASAPU RAM KUMAR	21U41A05D1	IV CSE
36	247715	KADIMISETTY SHANMUKHA PAVAN KUMAR	21U41A05D4	IV CSE

37	247587	PRAGADA DIVYA SAI KUMAR	21U41A05D5	IV CSE
38	245567	MAGATAM SAI SATYA LOKESH	21U41A05D8	IV CSE
39	247609	MATCHA RAJU	21U41A05E0	IV CSE
40	247601	NANDIKALLA PRASANNA KUMAR	21U41A05E3	IV CSE
41	245526	NETTI KESAVA VIJAYA PRUDHVI RAJU	21U41A05E5	IV CSE
42	247657	PASUPULETI SRAVAN KUMAR	21U41A05E6	IV CSE
43	246900	THOKADA YOGITHA	21U41A05F0	IV CSE
44	247082	YEDIDA UDAY KUMAR	21U41A05F4	IV CSE
45	246812	YERRAMSETTI YESU	21U41A05F5	IV CSE
46	245759	PRADHANA KRISHNA	21U41A05F6	IV CSE
47	247694	PARIPALLI ROHITH KUMAR	21U41A05F8	IV CSE
48	246206	GONNA YAMUNA	22U45A0503	IV CSE
49	245864	LAKKAVARAPU TEJASWANI	22U45A0504	IV CSE
50		MANDA UMA MAHESH	22U45A0505	IV CSE
51		POLIMERA YASHWANTH NARAYANA	22U45A0511	IV CSE
52		THOKADA SUSMITHA	22U45A0512	IV CSE
53		PATHALAM SRAVAN KUMAR	21U41A0430	IV ECE
54		NAMBARI POOJITHA	21U41A0468	IV ECE
55		BARRE CHAITANYA	22U45A0403	IV ECE
56	247727	CHUKKA BHUVAN THANAI REDDY	21U41A4208	IV CSM
57		MOHAMMED FARHAAN SAHIL	21U41A4228	IV CSM
58	247744	GUNASRI LAXMI PRASANNA MALLA	21U41A4254	IV CSM
59	247719	KODUKULA SATYA GOPAL	21U41A4257	IV CSM
60	247720	SEELAM JAYA PRAKASH	21U41A4278	IV CSM
61	247722	SUMITH KUMAR PODDAR	21U41A4280	IV CSM
62	247732	GORLI DURGA SRI LAKSHMI	21U41A4414	IV CSD
63		DADI SAI HANISHA	21U41A4430	IV CSD



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