Dadi Institute of Engineering & Technology



Approved by AICTE & Permanently Affiliated to JNTUK NAAC Accredited Institute & Inclusion under Section 2(f) & 12(B) of the UGC Act NH-16, Anakapalle, Visakhapatnam, Andhra Pradesh 9963694444, 9963981111, <u>www.diet.edu.in</u>, <u>info@diet.edu.in</u>

Department of Electronics and Communication Engineering

Presents A four Week Training Program

on

"Python Programming"

(22-08-2022 to 03-09-2022)

Course Instructor

Dr.P.Poorna Priya Associate Professor, Department of ECE

Venue: Computer Lab 8, 3r^d Floor, DIET



About the Institute

Dadi Institute of Engineering & Technology is a top ranked Engineering and Management College affiliated to Jawaharlal Nehru Technological University, Kakinada. The Institute is NAAC Accredited, ISO Certified and also associated with many professional bodies in the field of Engineering, Technology and Management. It strives to promote the highest standards a m o n g the students and enable t h e m to Build a New World. Dadi Institute of Engineering & Technology is distinctive among institutions of higher learning. Founded in 2006 by Sri Dadi Veerabhadra Rao, an academician and former Minister as the first multicultural and co- educational college in Anakapalle which admits only academically promising students.

About ECE Department

The Department of ECE was established in the year 2006. It offers B.Tech. Program with an initial intake of 120. It also offers M.Tech. Program in Systems and Signal Processing. The department has good infrastructural facilities with full fledged laboratories equipped with adequate hardware and software. The faculty members are actively involved in research and are publishing papers in reputed national and international journals/conferences.

About the course

Students will be able to learn the Python and its Basic Tool boxes, which are useful to operate on the real-time Signaling projects. These basic Toolboxes that mathematically describe the performance of Systems.



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Electronics and Communications Engineering

PYTHON PROGRAMMING

Course Instructor:

Dr. P. Poorna Priya Associate Professor, ECE Department Dadi Institute of Engineering & Technology

Duration:

2 Weeks: (22-08-2022 to 03-09-2022)

Overview & Need for the Course:

Students are instructed to learn the basics of Python Programming in this course. However they need to learn some advanced topics for working on real time applications. The course covers content required to develop basic projects on Python Programming, in signal processing domain.

Course Objectives: To

- Understand the basic data operations in Python Programming
- Provide knowledge on built in commands.
- Develop the skill required to handle large amounts of data.
- Make the student handling real time sensor data.

Course Outcomes:

By the end of the course, the student will be able to

- Handle matrix operations.
- Generate and manipulate data as per the requirement.
- Develop real time projects using Python Programming.

Requirements

- Basic Knowledge on C-Programming.
- A Computer with an Internet Connection.

Course Contents:

- 1. Course overview
- 2. Command
- 3. Python Programming desktop and editor
- 4. Vector and matrix
- 5. Indexing into and modifying arrays
- 6. Array calculations
- 7. Calling function
- 8. Obtaining help
- 9. Plotting data
- 10. Logical arrays
- 11. Programming
- 12. Final project
- 13. Conclusion

List of Participated students:

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY ANAKAPALLE								
S.No.	HT.No	StudentName	SIGN					
1	20U41A0401	ADARI YASHWANTHINI	A yoswanthi					
2	20U41A0402	BODDAPATI MEGHANA	8 Meghana					
3	20U41A0403	MODE DEEPTHI	H Deepth					
4	20U41A0405	MATHALA VIJAYA	M. VIJalp					
5	20U41A0406	CHATTI DIVYA	ch. Divya					
6	20U41A0407	ALLU ROOPA DEVI	AROOPOD					
7	20U41A0408	KANDREGULA SANJANA	Risaniana					
8	20U41A0409	KARANAM AKHIL	× Adil					
9	20U41A0411	BANDARU AKHILA	8. Akhila					
10	20U41A0412	VARRE ROHITH	Rother					
11	20U41A0413	YERUKULA SRIRAM SAI KUMAR	Y. Sonra per					
12	20U41A0415	PADALA PREETHI	P. Preethi					
13	20U41A0416	APPANA PREM VASANTH KUMAR	alreat					
14	20U41A0417	ALAJANGI BARGAVI	A. Boorgavi					
15	20U41A0418	TAMARANA RAMA GANESH	Tella					
16	20U41A0419	KONATHALA DIVYASREE	Chuyesne Konster					
17	20U41A0420	KONCHADA REVANTH	K. Revarith					
18	20U41A0421	ADARI KUSUMA	Abuna					
19	20U41A0422	SARAGADAM PARNITHA	5. Exertin					
20	20U41A0423	GANTA SUNIL KUMAR	G. Santkann					
21	20U41A0424	DANNINA NAVYA	DNarya					
22	20U41A0425	BOTTA BHANU LOKESH	Bhan					
23	20U41A0426	MADETI NAVEENA	Mindalean					
24	20U41A0427	ADARI PRUDHVI	A.Rush					
25	20U41A0428	NEMALAPURI PRAVEEN KUMAR	N. Porveen					
26	20U41A0429	AMPOLU SAI TEJA	Jere					
27	20U41A0430	MAMIDI MOUNIKA	MADONIK					

S.No.	HT.No	StudentName	SIC:
28	20U41A0431	RANGU RAJASHEKAR	Klaf Shor.
29	20U41A0432	BALAJI VEYYIDHALAMULA	Bales V.
30	20U41A0434	KARANAM AJITH KUMAR	K. AZUM
31	20U41A0435	SATYALA SAI SRUJANA	S.S. Srujan.
32	20U41A0436	PITHANI MURARI	P. Muran
33	20U41A0437	VIYYAPU MOUNIKA SAI	Maria
34	20U41A0438	PATNALA DEEPAK	P. Deepak.
35	20U41A0439	TULAGAPU VINAY	N. N
36	20U41A0440	PALLA ROHIT	P. Rohit
37	20U41A0441	BESETTI NANI AVINASH RATNA	Nam
38	20U41A0442	GALLA VAHINI KRISHNA	Gvahinikhichny.
39	20U41A0444	DATTI SHANMUKHA NAIDU	Q. Chamber
40	20U41A0445	BODDEDA KUSUMA	Lunio
41	20U41A0446	KARUKONDA SHIVA NAGA SAI ABHISHEK	Asherbuck
42	20U41A0447	KONATHALA MANOJ BABU	K. Mahoi
43	20U41A0449	PYLA SIVA DURGA MANI TEJA	P. Munik Stope
44	20U41A0450	NANDANA SAI KUMAR GOUD	N-Salkumer Gaut
45	20U41A0451	TENTU PRATYUSHA	T. Rolyetha
46	20U41A0452	LAKKOJU VEERENDRA SAI	L. Veerendro do
47	20U41A0453	TATTIKOTA RAMYA	T. Panura
48	20U41A0454	TALARI SANDHYA SRI	TSardhypussi
49	20U41A0455	PUCHAKAYALA VENKATA SATYANARAYANA REDD	PN-S-Reddy
50	20U41A0456	BONDA MOHAN KIRAN	B. Mohamisan
51	20U41A0457	MD HASSAIN AKRAM	MDAkun
52	20U41A0458	PUTREVU JAI DEEP	P.Jaideep
53	20U41A0459	BANDARU JYOTSNA	BJyotam
54	20U41A0461	PATINA SHANKAR YASHWANTH	PStankonscharth
55	20U41A0463	MEDIBOYINA VAMSI	Tri Nams?
56	20U41A0464	KOTAPADU SRINU	Le Svince
57	20U41A0465	GANISETTI POORNA CHANDRA	9. Poorna
58	20U41A0467	JANAPATI SESHA SAI MONIKA	JSS-Monita

S.No	HT.No	StudentName	SIGN
59	20U41A0468	KOIDALA NIKIL	K.Wikley
60	20U41A0469	RAVIJAYANTHI	R. Jayarthe
61	20U41A0470	BUDDHA JYOTSNA	B. Typlang
62	20U41A0471	CHANDAKA KIRAN KUMAR	al Bour Run
63	20U41A0472	MARADUPUDI PRANUSHA	M. Branus
64	20U41A0473	PEMMADA ŚYAMA	P- Syang.
65	20U41A0474	BODDEDA SYAMJAY MADHAV	Bsyans
66	21U45A0401	BANDARU JAYANTH	B. Jayalle
67	21U45A0402	DADI DALYA RAM	D. Talia stat
68	21U45A0404	GARAGABOYINA HEMANTH SATEESH KUMAR	G. Hemerika
69	21U45A0405	BHEESETTI JHANSI	Themal
70	21U45A0406	YELUSURI JANARDHAN	Y. Tana dha
71	21U45A0407	GORLI SYAMALA	GErgenald
72	21U45A0408	GORLI POORNIMA	Gi Bornins
73	21U45A0409	BAMMIDI AKHILA	B.AKhilal
74	21U45A0410	DASARI GAYATRI	to Gayata
75	21U45A0411	MEDAPATI AMBICA JAYASRI	M-A-layasm
76	21U45A0412	POTHABATTULA KARTIK	Part
77	21U45A0413	KANDREGULA VAMSI	K. Vamei
78	21U45A0414	TALLURI VAMSI SAI RAMA KRISHNA	T. Vanili /
79	21U45A0415	VUDI NAGENDRA	Valagende
80	21U45A0416	ARYASOMAYAJULA SOMA SAI SATISH	deater E
81	21U45A0417	KOSURU SUMITHRA	Ksumiltora
82	21U45A0418	VANKAYALA SIVA KRISHNA	V. Siva
83	21U45A0419	EERE MANOHAR	E-manobar
84	21U45A0420	NAVARA SHALINI	Nohalini
85	21U45A0421	PALLELA KALYAN	P. Kalyain
86 2	21U45A0422	YEDIRI HARISH KUMAR	4. Harier

Total:86

Classroom:

Certificate:





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Dt.19-08-2022

CIRCULAR

All the staff and students are hereby informed that in academic year 2022-23 Department of Electronics & Communication is initiating an add-on Courses on Python programming for all III B.Tech ECE students. Students can utilize this opportunity for upgrading their knowledge.

Venue: Lab 8

Date :22-08-2023 to 03-09-2023

HOD ECE



























CERTIFICATE OF PARTICIPATION

This is to certify that **ALAJANGI BARGAVI** Mr/Ms. bearing Roll No. 20U41A0417 of ECE department has participated in a four Week Training Program on **PYTHON PROGRAMMING** held on 22-08-2022 to 03-09-2022. P. Poome fripp Principal HoD-ECE











































CERTIFICATE OF PARTICIPATION

This is to certify that PALLA ROHIT Mr/Ms. bearing Roll No. 20U41A0440 of ECE department has participated in a four Week Training Program on **PYTHON PROGRAMMING** held on 22-08-2022 to 03-09-2022. P. Poome fripp Principal HoD-ECE

CERTIFICATE OF PARTICIPATION

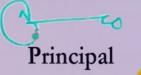
This is to certify that **BESETTI NANI AVINASH RATNA** bearing Roll No. 20U41A0441 of ECE department has participated in a four Week Training Program on

PYTHON PROGRAMMING

held on 22-08-2022 to 03-09-2022.

P. Poome fripp HoD-ECE

Mr/Ms.



CERTIFICATE OF PARTICIPATION

This is to certify that **GALLA VAHINI KRISHNA** Mr/Ms. bearing Roll No. 20U41A0442 of ECE department has participated in a four Week Training Program on **PYTHON PROGRAMMING** held on 22-08-2022 to 03-09-2022. P. Poome fripp Principal HoD-ECE

CERTIFICATE OF PARTICIPATION

This is to certify that DATTI SHANMUKHA NAIDU bearing Roll No. 20U41A0444 of ECE department

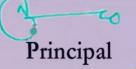
has participated in a four Week Training Program on

PYTHON PROGRAMMING

held on 22-08-2022 to 03-09-2022.



Mr/Ms.







CERTIFICATE OF PARTICIPATION

This is to certify that **KONATHALA MANOJ BABU**

ECE

Mr/Ms.

bearing Roll No. 20U41A0447 of

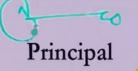
department

has participated in a four Week Training Program on

PYTHON PROGRAMMING

held on 22-08-2022 to 03-09-2022.



























CERTIFICATE OF PARTICIPATION

This is to certify that KANTREDDY LIKHITH Mr/Ms. bearing Roll No. 20U41A0460 of ECE department has participated in a four Week Training Program on **PYTHON PROGRAMMING** held on 22-08-2022 to 03-09-2022. P. Poome fripp Principal HoD-ECE





















































