

(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada)

A NAAC Accredited Institute

An ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution NH-5, Anakapalle – 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

CIRCULAR

Anakapalle Dt: 11-1-2020

Department of Computer Science Engineering is hereby informed that, in view of the feedback received from II B.Tech. ECE students regarding skill enhancement and to improve the expertise of students in Python Programming, HOD is advised to depute a faculty from CSE to design and develop a suitable course structure in line with basic concepts of Python Programming for working on real time applications to II B.Tech. ECE students with over 30 working hours. Please ensure that this Add-on course helps them to understand the basic data operations in Python Programming & to develop real time projects using Python Programming. Make arrangements to deliver the course from next week onwards.

PRINCIPAL

Dadi Institute of Engineering & Technology, Anakapalle

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, www.diet.edu.in, info@diet.edu.in

Department of Electronics and Communication Engineering

Presents

Four week Training Program on

"Python Programming"

20/1/2020 to 15/2/2020

Course Instructor

Mr. Ch Dinesh, Asst. Prof. Department of CSE

Venue:

Computer Lab 8, 3rd 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 mong the students and enable them 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.



Department of Electronics & Communication Engineering

PYTHON PROGRAMMING

Course Instructor:

Mr. Ch. Dineah Assistant Professor, CSE Department Dadi Institute of Engineering & Technology

Duration:

2 Weeks: 20/1/2020 to 15/2/2020

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.

Dadi Institute of Engineering & Technology, Anakapalle

• A Computer with an Internet Connection.

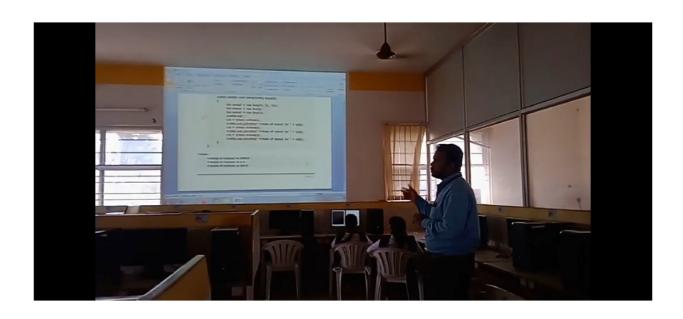
Course Contents:

- 1. Course overview
- 2. Command
- Command
 Python Programming desktop and editor
 Vector and matrix
 Indexing into and modifying arrays
 Array calculations

- Calling function
 Obtaining help
 Plotting data
- 10. Logical arrays
- 11. Programming
- 12. Final project
- 13. Conclusion

| | | | | | | | | | | | | | | | | | | | | | | | _ | _ | _ | _ | - | - | |
|---|-----------------------|---------------------|----------------------------|--------------------|----------------------|----------------------------|------------------|-------------------------------|---|-----------------------|--------------|------------------|----------------------------|------------------|----------------|----------------------|------------------------------|----------------------------|-----------------|------------------------------|--------------|-----------------------|-----------------------|------------------|-----------------|----------------------------------|-------------------|---|--|
| 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 00 | 7 | 6 | 5 | 4 | ω | 2 | 1 | S | |
| 18U41A0428 | 18U41A0427 | 18U41A0426 | 18U41A0425 | 18U41A0424 | 18U41A0423 | 18U41A0422 | 18U41A0421 | 18U41A0420 | 18U41A0419 | 18U41A0418 | 18U41A0417 | 18U41A0416 | 18U41A0415 | 18U41A0414 | 18U41A0413 | 18U41A0412 | 18U41A0411 | 18U41A0410 | 18U41A0409 | 18U41A0408 | 18U41A0407 | 18U41A0406 | 18U41A0405 | 18U41A0404 | 18U41A0403 | 18U41A0402 | 18U41A0401 | Roll No | |
| RONGALILATHA | PUDI HAKISH | PENTAKOTA SWAKJAN | PAMU CHANDRAKALA | PAKKI SATYA LASWIK | MATHALA MADHAVI | MALLA MOUNIKA NAGA LAKSHMI | MALLA DAKSHAYANI | MADDABATTULA PRATYUSHA JYOTHI | MADAGALA SOUJANYA | KUKKARA VIJAYA MANASA | KONETI KAVYA | KOILADA CHANAKYA | KAPU YAMINI | JOGA NAGADEMULLU | SANDRANA ROOPA | PIRADULA SURESH | SANAPATHI NARENDRA PENTA RAO | DADI RAMA VENKATA APPA RAO | CHADARAM PRASAD | CHARAKAPU SAI SANTHOSH KUMAR | BOTTA BALAJI | BODDEDA REVATHI | BEJAWADA HARI KRISHNA | BARNIKANA MARAJU | VECHALAPU BINDU | ANAPAREDDI RAM JAGAN | ADARI VASANTHA | Name of the Student | Student Attendance Sheet - Python Programming Addon Course [2019-20] |
| 12 Cother | D' MOOIN | P. Swayon | Pehoudy | p. Autra | H. Madhaus H. Hadhau | m manuka | M. Dalun | Moder | M. SOUDANYA | K. Vijaya | k. kowya | | K. Yawini | J. Nagad | s.noopa | P. Sureth | 9 Nowa | D.Amasor | ch Propan | 7 | B. Ralai | P. Revolti | D. Ham | B. Harajo | p. dozudlun | 1. samje | A. Nower A varage | 20/01/2020 21/01/2020 | ice Sheet |
| A. LOTAS | le le la | P. Handley | - P-Voy | P-satya | H. Hadbau | m marika mmanska n.mwala | M. Dake | M. Tyoth: | m. sovjeny | Icvijaya | K-Kauya | ic chant | k. Hawini | J. Norgod | 3 moopal | P. Surah | C NOWA- | O Appavor DAPPER | ch. Projad | 6 SanJah | O. Bakeji | ۷, | Balous | B. Haraju | or broadbus | - Profitably | Avalan | 21/01/2020 | - Python |
| | | | - | b.Janya | HANDE | O.monika | | Moke. F. | m. solicanya m. solicanya m. solicanya m. solicanya | 16 vijaya | KKOUYA | K. danak | k. Yanin k. Yanini | J. Naspy | s scoops | P. Suragh | Chouse S. Nowa | appear | AB | C.Scient | OBlan | B. Rewathi | 1 Have | AHasaju B.Haraju | r. birdhu | A sour page A sour josen | A valor | 27/01/2020 | Programn |
| 7 69 - | Die Blate olath Rlate | P.Hoxis | Planter Planter | Jelme 1 | H. Hadrau, M. Hadrai | marsing mmarin | Hearh | M. Jyoki | M. Souphan | k. Vijaya | & Kowya | k chanal | K. Yamini | J. Paspad | Samopa | 6. Sundy | - 70 | DAmour | | | | Z. | BHOW | B. Haraju | v- birdhu | | A voyans | 27/01/2020 28/01/2020 3/2/2020 4/2/2020 10/2/2020 | ning Addo |
| 1 Con | olat. | P. Harry P. Harrich | Drusing prosing | | | month | M.Baken | H. Hotel | m. sovjanya m. sovjenya | k. Vijano | k.kanh | Kchan | k. Yawir k. Yawir K. Yawir | J. Str.C | Sappya Sappya | Romand power poswate | 1 NOW | DAngam | - | | 8 Babi | BRush Blandhi pranshi | BROW! | P. MOCRaju | V-Hougher . | | ANajou | 3/2/2020 | n Course |
| | | P-Harrios F | P. Japidon | | Afaha Afaha | M-mount m | H.Park | H. Jyoth: H Jyothi | m. solyiconyc | kaijay 1 | AB | K.Chay | k. Yanir H | P ASSIVE | - volutions | Laran 1 | S. Nort Colony | BAY D | of Proper of | (-toison cos | BBala & | Brothi p | A Hay 1 | AB B | vitable while | Asawjaga- Boawjaga- | A JOHAL A | 4/2/2020 1 | [2019-20 |
| | Plate | RHONICH | D-Emong- | 1 | Aforma / | MOUNT | Mobiler | | D-SOMONE A | k-vijay | K. Kanya | + | _ | J. Nows | Zagypa S | 1 MANOS. | 1 1 | DAppere 1 | Round | Tex | | Reward By | B. Hari G | 13 Harrayus 1 | Myon | - referm | Adorant 6 | 2/2020 | |
| | Right | PHONISH | b-tworks browned - frame-o | 8 .1 . | Alotin Ontro | Warner Co | M.BUL | | 7. Soyprys | K. Vijay Kubera | K KONYA I | kdara | K. Yawin K. Yawahi | JAMES : | | 1 yanged | CHOWEN ! | DApport | h. Provod | - | Broky. | | aHani | Brang artaraj | v-bruden v | + comigina | A VOLATA | 11/2/2020 | |
| | Rlade | P. Howlet | Dram F.d | O Land | M. Hadira | Managar Managar Managar | H. anki | | 25 | | k. kowyo | Karan | | Jugges | sawya | yransod | 1 Salary | | 0 | | Blada | Barothi | | ?Haraj | v-brudhu | Accomigate Assurgator Assurgator | A volen | | |
| 1 | P (est | PHONE | OFFION F. A | | R. Probagy | - | | H. Jyeth | (Fubrick-W | (CU) jayo | K.KOWYA | K. chouse. | Kyannya | J. Magare | Sassa | b-tompy | - CARONY | DAMPade | the Brown | C. Bay Soch | Braky | Beaudhi | Byon | B May ay- | N-PARPHY | Asamjayar | A. Novat | 15/02/2020 | |
| L | | | | | | - | | | | | | 10 | 1011 | - | | | | - | | | | | | | | | | | |

| 70 | 1 | 5 3 | 5 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 99 | (A) 00 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 67 |
|-------------------------------|--------------------------------------|--------------|--------------------|----------------------------|---|--|------------------------------|--|----------------------------------|--|-----------------|-----------------|------------------|--------------|------------------|----------------------------|-----------------|---------------------|-------------------------|-----------------------------|-------------------------------------|-----------------------|--------------------------|------------------------------|---------------------|----------------------|-----------------------|--------------------------|------------------------------|
| + | + | + | 181141A0455 | 18U4IA0454 | 18U41A0453 | 18U41A0452 | 18U41A0451 | 18U41A0450 | 18U41A0449 | 18U4IA0448 | 18U4IA0447 | 18U41A0446 | 18U41A0445 | 18U41A0444 | 18U41A0443 | 18U41A0442 | 18U41A0441 | 18U41A0440 | 18U41A0439 | 18U41A0438 | 18U41A0437 | 18U41A0436 | 18U41A0435 | 18U41A0434 | 18U41A0433 | 18U41A0432 | 18U41A0431 | 18U41A0430 | 1904170429 |
| | | | MANDAPATI PAVITHRA | MUMMIDISETTY SAI SOWJANYA | | GANTA PAVAN KUMAR | | | PENTAKOTA SRIRAMYA | KOLLI SUMANTH | PANASA JHANSI | GANESWARM ABISH | MAREDDY AKHILESH | DUNGALA DEVI | REDDI SRINIVAS | KANDREGULA MANIKANTA NAIDU | PAPPALA NEELIMA | CHENNA HARIKA | YELAMARTHI SAI SURENDRA | SIRASAPALLI HARSHITA | JUTTUKA TALLA BABU | DEVADA JESWANTH REDDY | YANAPARTHI DURGA LAKSHMI | VELURI NAGA SAI ROHINI KUMAR | SEERAMSETTI TEJASRI | SANAPATHI GANESH | SAMAYAMANTHULA GUNA | SAKA NAGASAI AMRUTHA | ROUTHULAPUDI LALITHA LAKSHMI |
| A. Show | R. Kumon | C. Anuna | I Pawer | m. Juijous | Cy Hadrau | come ? | R. Branco | M. Wandh | P. Jugan | K. Girout | P. Thani | (Adiah | MAKNEY | D. Devi | R. SHIWEL | 6 Marks | P. Dally | C. Howke | Y. Swi | C.HOSG WILL | | D. Jawan | Y. Pourigo | - | | | - | | R. lalita |
| Antax | RKOMON | CANMA S Anna | | H. Coylor | Cy Marine | Chance to bother to the total Carpet to the total Carpet to the Control of the total of the tota | B-13-000 | M. Throadh H. Throadh M. Kroach M. History | Servines of direction? | K. Branh | p. Thorn | (Alich | HAKKILA | D. Pen; | R. Sivisos | Krans | | CHarm | Y. Sai | ? Hospital Hospital Harrite | J. Talla Rat | Diremore | | | | 5. Garush | S. Guna | @ Josephai | Klowing |
| ABhow | Riema | 8 Anna | M. Mayor | H. Conton Land | WOOM K) I | (1. Mayon | 0.100 | M. Kinadh | B. CHIYOUR | K (UMD) | P. Thank | G. Abidh | HALL | D. Dev. | | K. HOWE | - 11 | C. Hanka | y sai | N. | AB | D jusquet | V.Darga | _ | | Chamb | | Sydena | KLOWING KLOWING |
| A. Rhow | R. L. amax R. Kumox R. Kumox R. Kumo | C. Awaro | H-PAUMMA | L. John o | A CA FIGURE | u pac | 100 | M. Mindon | benen 1 | K. JUNDAN | | | M.Disker | D.Deu/ | REVINUE REVINION | K. PLON'S | 1. Deally | C. Harilia | 4.504 | THOUGHT THOUGH CHOWL | J. Tallage | Bichur | 4. Dunga | | - | Chamb | | rordering | - |
| BOKES ANDE | R. Kumph | P. HOOM | 2 1 | m Bull H much | of the | Co. Land | C. POLLON | D Miles Retrieve | LATIONAL HOUNDS | L'ANDAU L'INDIAN | F. John / | G. Pajh | MARTIN M | D. Deur | RIMINI ROUND | Kraw | P. NOCH | (-Flork | 4.500. | THONK | Jiallas Tiallas | Diewoh Pijewa | Danc'h Jemo'h Jemo'h | V. Nogeta U. Nogog | | Sharet S | S. GUNDA + | espori 1 robor | KIGHT K |
| 1-48614 | K-Kunon F | | | L mult | M downter | Made | _ | 2 Rtran | E . | | J'Show T | T. Apish C | | - | | Krany K | - PNOSE R | _ | h.son, h | | - | jew- D | . Premo. | _ | _ | S. Garagh SI | AS 5.0 | _ | Right IN |
| 08 hay | E period ! | | | paurity of H | found & | Make G | Chamb G | - | - 1/ | F WOW E | Jenul | CANAL A | BKNA | O.Pcvi P | | K WOWN 7 | Warren Ar | C. Howika C. Hovika | 4.501. A | CHONIN ST | alla 14 Ja | Jew D | of David | | of Trigation | janut S.C | 13 DUN | bagara en | owne Kil |
| - 08 pp - 1008 pt - 100 810 - | C. March | | 1 | Howthe H. powethe Repowled | 1 Sout | Hallow C | · pawor C | Bhaw B | H ypayy | | Thorn I have to | THE WAR | | poer, O. | | Trail K | L'and P. | Jorika C | Frai 1 | HONER ST | T salla | Digo D | DANCE LEVILLE | V. Nacouri U. Nacouri | WEGAT TOWN | Sharet Sharet Sharet | s. Guna shuna s. Guna | e magazi emagasi emagasi | ISPANIA KIDINA KIDINIA |
| | 1 | 2 | | . paules. | The straight thought by good who when the | hodbar (| a pawa a pawa a pawa a pawan | 1-Show B. Brand B. Chan B. Ringer | H. Tringels M. Towards M. Toward | o de la companya de l | _ | D. Thom. | - 11 | | \$ | KIND KIND KIT ONLY | Price pince to | CHONING (| 1 Say 5 | 1. | Traile 1 Traile of Traile of Traile | Djewa Djewa | The comme | | | | | | |
| A Dec | 7 86 | D True L | - | Moduler | magne | 4 Modily | 4. pawa | Rhow | 4. Techad | Chrom | 1. Conds | DTL AND | A. M. | Deo, | June | Change 1.2 | 5 | CHOY/ka | Ysa | March | Takkal | elmen | Anon | N. Nagara | S. Tejase" | S. Goneth | SCHUY | 1 spect | Daw |



(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada) NAAC Accredited Institute

NH-16, Anakapalle – 531002, Visakhapatnam, A.P. Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

COURSE COMPLETION CERTIFICATE

This Certificate is given to

DADI ANUSHA

For the successful completion of 6-week course on PYTHON PROGRAMMING from 20-01-2020 to 16-02-2020

Mr.Ch DineshCourse Instructor

Dr. Ch Naga PrasadPrincipal

Mr. Dadi Ratnakar

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada) NAAC Accredited Institute

NH-16, Anakapalle – 531002, Visakhapatnam, A.P. Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

COURSE COMPLETION CERTIFICATE

This Certificate is given to

KODI DEVI

For the successful completion of 6-week course on PYTHON PROGRAMMING from 20-01-2020 to 16-02-2020

Mr.Ch DineshCourse Instructor

Dr. Ch Naga Prasad Principal Mr. Dadi Ratnakar

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada) NAAC Accredited Institute

NH-16, Anakapalle – 531002, Visakhapatnam, A.P. Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

COURSE COMPLETION CERTIFICATE

This Certificate is given to

SOMU JYOTHI

For the successful completion of 6-week course on PYTHON PROGRAMMING from 20-01-2020 to 16-02-2020

Mr.Ch DineshCourse Instructor

Dr. Ch Naga PrasadPrincipal

Mr. Dadi Ratnakar

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada) NAAC Accredited Institute

NH-16, Anakapalle – 531002, Visakhapatnam, A.P. Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

COURSE COMPLETION CERTIFICATE

This Certificate is given to

YELLAPU ARUNA

For the successful completion of 6-week course on PYTHON PROGRAMMING from 20-01-2020 to 16-02-2020

Mr.Ch DineshCourse Instructor

Dr. Ch Naga PrasadPrincipal

Mr. Dadi Ratnakar

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada) NAAC Accredited Institute

NH-16, Anakapalle – 531002, Visakhapatnam, A.P. Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

COURSE COMPLETION CERTIFICATE

This Certificate is given to

MASARAPU MANI

For the successful completion of 6-week course on PYTHON PROGRAMMING from 20-01-2020 to 16-02-2020

Mr.Ch DineshCourse Instructor

Dr. Ch Naga Prasad Principal Mr. Dadi Ratnakar

NAAr ar redited be titute and Inclusion under Section 2(f) & 12 (B) of i or Act.

STUDENT FEEDBACK FORM

Dear Candidate.

You: feedback is critical for the Institute to ensure that we are meeting your educational needs. We would appreciate it you could take a few minutes to share your opinions with us so that we can serve you better

| Table of the Actuation Python programming | 3 | | , , , , , , , , , , , , , , , , , , , | |
|--|---|-----|---------------------------------------|-------------------------|
| Date Duration 4W 201120 -1512 22 Instructor Coordina | | 1.D | inech | [Feedback Suggestion] |
| . The content has as described in Publicity Material | 1 | 2 | 3 1 5 | Need more |
| 2. The program—as helptul in practical enderstanding | 1 | .2 | 3 4 🕏 | Explination |
| 8 Civill recommend this course workshop program to televant conservators across our campus | 1 | 2 | 3 0 5 | to get properly |
| - The program " as β all placed " whim allotted time | 1 | 2 | 3 4 5 | <u> </u> |
| The instructor was an effective communicator | 1 | 2 | 3 4 🗐 | |

Please return this form to the Course Instructor Organizer Coordinator at the end of the workshop; add-on course Training Program



DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE & Permanently Affiliated to (NTUK) Kazimada NAAC Accredited Institute and Inclusion under Section 2(f) & 12 (B) of UGC Act An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute

STUDENT FEEDBACK FORM

Dear Candidate,

Your feedback is critical for the Institute to ensure that we are meeting your educational needs. We would appreciate if you could take a few minutes to share your opinions with us so that we can serve you better.

| Title of the Artwity: Python programm | ing | | | | <u> </u> |
|--|--------|-----|-----|---------|----------------------|
| Date Duration: 100 20 1/20-15/2/20:nstructor Coord | linato | .ck | . 6 | Jinesh | Feedback Suggestions |
| 1. The content was as described in Publicity Material | | 1 | 2 | 3 4 5 | weed some |
| 2. The program was helpful in practical enderstanding | | 1 | 2 | 3 4 5 | more |
| 3 I will recommend this course workshop program to relevant conservators across our campus | i. | 1 | 2 | 3 4 5 | explanation. |
| 2. The program was well placed within allotted time | | 1 | 2 | 3 (1) 5 | 1.2 |
| 5. The instructor was an effective communicator | | 1 | 2 | 3 4 (5) | |

Flease return this form to the Course Instructor Organizer Coordinator at the end of the workshop add-on course Training Program.