ADITYA DEGREE COLLEGE

Summary report of The Joy Of Computing Using Python

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PRINCIPAL
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KAKINADA

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Accredited by NAAC with 'B++' Grade
Affiliated to Adikavi Nannaya University
Laxminarayana Nagar, KAKINADA, East Godavari Dist., A.P – 533 003,
Phone: 0884 – 2376665, Cell: 9704376667
Website: aditya.ac.in/degree E-Mail: adckkd@aditya.ac.in

REPORT ON CERTIFICATE COURSE
DEPARTMENT OF COMPUTER SCIENCE
ACADEMIC YEAR 2021-22

NAME OF THE COURSE: The Joy Of Computing Using Python

DESCRIPTION: National Program on Technology Enhanced Learning was launched in 2003 by 7 IITs Mumbai, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Rurkee and Indian Institute of Sciences. Since 2014 NPTEL began offering courses along with in-center and proctored certification examination.

NPTEL is a projector MHRD to provide quality education to anyone interested in learning which in turn helps the toppers to get better jobs in industries.

Students can review and assess their own progress through assignments. It provides special programs on ethical hacking, python for data science, an introduction to AI etc.

DATE OF THE INTRODUCTION : July – Dec 2021
No. Of Students Enrolled : 5
No. Of Students Certified : 1
Duration of the Course : 12 WEEKS

Syllabus Contents:

- Variables and Expressions : Design your own calculator
- Loops and Conditionals : Hopscotch once again
- Lists, Tuples and Conditionals : Lets go on a trip
- Abstraction Everywhere : Apps in your phone
- Google Translate : Speak in any Language
- Sorting : Arrange the books
- Searching : Find in seconds
- Substitution Cipher : What's the secret !!
- Sentiment Analysis : Analyse your Facebook data
- Permutations : Jumbled Words
- Spot the similarities : Dobble game
- Recursion : Tower of Hanoi
- Page Rank : How Google Works !!

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COORDINATOR

SWAYAM - NPTEL
LOCAL CHAPTER

Home   About us   Quick Reference Links   Events   Contact Us

Details on SWAYAM-NPTEL Local Chapters

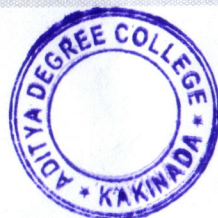| List of SWAYAM-NPTEL Local Chapter | Rating of Local Chapter |

Show 10 ∨ entries

Search: lakshminarayana

College Name	LC Id	Status	Address	State Name	SPOC Name	SPOC onboarded	Co-ordinated By
ADITYA DEGREE COLLEGE	4101		ADITYA DEGREE COLLEGE , LAKSHMINARAYANA NAGAR, KAKINADA KAKINADA-533003 ANDHRA PRADESH	ANDHRA PRADESH	S.V.R.PRABHAKAR		IIT MADRAS

Showing 1 to 1 of 1 entries (filtered from 4,692 total entries)

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THE JOY OF COMPUTING USING PYTHON

SYLLABUS

- Motivation for Computing
- Welcome to Programming!!
- Variables and Expressions : Design your own calculator
- Loops and Conditionals : Hopscotch once again
- Lists, Tuples and Conditionals : Lets go on a trip
- Abstraction Everywhere : Apps in your phone
- Counting Candies : Crowd to the rescue
- Birthday Paradox : Find your twin
- Google Translate : Speak in any Language
- Currency Converter : Count your foreign trip expenses
- Monte Hall : 3 doors and a twist
- Sorting : Arrange the books
- Searching : Find in seconds
- Substitution Cipher : What's the secret !!
- Sentiment Analysis : Analyse your Facebook data
- 20 questions game : I can read your mind
- Permutations : Jumbled Words
- Spot the similarities : Dobble game
- Count the words : Hundreds, Thousands or Millions.
- Rock, Paper and Scissor : Cheating not allowed !!
- Lie detector : No lies, only TRUTH
- Calculation of the Area : Don't measure.
- Six degrees of separation : Meet your favourites
- Image Processing : Fun with images
- Tic tac toe : Let's play
- Snakes and Ladders : Down the memory lane.
- Recursion : Tower of Hanoi
- Page Rank : How Google Works !!

ADITYA DEGREE COLLEGE, KAKINADA

LIST OF STUDENTS REGISTERED FOR THE JOY OF COMPUTING USING PYTHON 2021-22

S.NO	NAME OF THE STUDENT	PROGRAM NAME	COURSE NAME
1	PEDDARAPU MAHESH	III MECS	THE JOY OF COMPUTING USING PYTHON
2	Mohammed Basheer unnisa	III MECS	THE JOY OF COMPUTING USING PYTHON
3	GUTHURTHI MALLESWARI DEVI	III MECS	THE JOY OF COMPUTING USING PYTHON
4	CHELLURI KISHORE KUMAR	III MECS	THE JOY OF COMPUTING USING PYTHON
5	Lakshmi Harika Tatavarthi	III MECS	THE JOY OF COMPUTING USING PYTHON

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KAKINADA

Roll No: NPTEL22CS31S14260582

To
PEDDARAPU MAHESH
PONDUGALA, PONDUGALA
DACHEPALLI
DACHEPALLI ,GUNTUR
ANDHRA PRADESH - 522414
PH. NO :9182209010

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

PEDDARAPU MAHESH

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **68** %

Online Assignments	22.6/25	Programming Exam	25/25	Proctored Exam	20.5/50

Total number of candidates certified in this course: **7438**

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
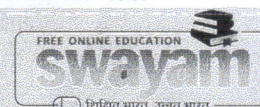**(12 week course)**

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION
swayam

Roll No:NPTEL22CS31S14260582

To validate and check scores: https://nptel.ac.in/noc

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