



# JNTUH COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu), Jagtial Dist. - 505 501, Telangana (India)

## DEPARTMENT OF MECHANICAL ENGINEERING



Website : [www.jntuhcej.ac.in](http://www.jntuhcej.ac.in)  
E-Mail : [kvasanth@jntuh.ac.in](mailto:kvasanth@jntuh.ac.in)

### JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu), Jagtial Dist. - 505 501, Telangana (India)

**Dr. K. Vasantha Kumar**  
*BE(Mech), M.E(Prod), Ph.D(JNTUH), MISTE.*  
**Assistant Professor & Head**  
Department of Mechanical Engineering

Date: 12.07.2019

### C I R C U L A R

All the B.Tech III Year Students are here by informed that A Two Day Workshop on Introduction to Python for beginners from 17<sup>th</sup> July 2019 to 18<sup>th</sup> July 2019.

The aforesaid students are informed to avail the opportunity and attend without fail.

Speaker / Resource person: K.Vikas, Research scholar, IIT Bombay

Venue: CAD/ CAM LAB, Block – II

Time: 11.00 AM To 05.00 PM



  
HEAD 12/07/2019

**HEAD**  
Dept. of Mechanical Engineering  
JNTUH College of Engineering  
Nachupally (Kondagattu), Kodur  
Jagtial Dist. 505 501 Telang.



# JNTUH COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu), Jagtial Dist. - 505 501, Telangana (India)

## DEPARTMENT OF MECHANICAL ENGINEERING

### Registration Form

### A Two Day Workshop on Introduction to Python for beginners

17 & 18<sup>th</sup> July 2019

Name: .....

Roll No: .....

Year/Branch: .....

College: .....

Address: .....

.....

Mobile: .....

E-Mail: .....

Signature of the Participant:

Place: .....

Date: .....

Address for communication:

**Dr. Kandukuri Vasantha Kumar**

Asst. Professor & Head

Department of Mechanical Engineering, JNTUHCEJ,  
Nachupally (Kondagattu), Kodimial (M), Jagtial (D),  
Telangana - 505501.

Ph.: 9948496181 / Email: kvasanth@jntuh.ac.in

#### Chief Patron

Prof. A. Venugopal Reddy

Vice-Chancellor, JNTUH

#### Patrons

Prof. A. Govardhan

Rector, JNTUH

Prof. N. Yadaiah

Registrar, JNTUH

#### Chairman

Prof. N.V. Ramana

Principal, JNTUHCEJ

#### Vice Chairman

Prof. S. Viswanadha Raju

Vice-Principal, JNTUHCEJ

#### Convener

Dr. Kandukuri Vasantha Kumar

Asst. Prof. & Head, Department of ME

JNTUHCEJ

#### Faculty Advisor

Dr. N.V.S Raju

Professor of ME, JNTUHCEJ

#### Coordinator

Dr. Suresh Arjula

Asst. Prof. of ME, JNTUHCEJ

#### Student Coordinators

D. Ranjith (9490235956)

Ch. Navya Sri (9440566816)



### A Two Day Workshop On

### Introduction to Python for beginners

17 & 18<sup>th</sup> July 2019



#### Organized by

DEPARTMENT OF MECHANICAL ENGINEERING  
JNTUH COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu) JAGTIAL (Dist)  
Telangana - 505501

A Constituent college of JNTUH- Hyderabad,  
Approved by AICTE, New Delhi  
Recognised by UGC, New Delhi

Off. Phone: 8008-103-369 | Mail: cej@jntuh.ac.in  
Web: www.jntuhcej.ac.in



# JNTUH COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu), Jagtial Dist. - 505 501, Telangana (India)

## DEPARTMENT OF MECHANICAL ENGINEERING

### About the College

JNTUH College of Engineering Jagtial (JNTUHCEJ) was established in the year 2007 as a constituent college of Jawaharlal Nehru Technological University, Hyderabad. The college is recognised by UGC under section 2(f) & 12(B) of the UGC Act, 1956. JNTUHCEJ started functioning with five Under Graduate programs viz., EEE, ME, ECE, CSE & IT. And since 2011, the college is offering five Post Graduate programs viz., EPS in EEE, ED in ME, DSCE in ECE, CSE and IT.

### About the Department

The Department of Mechanical Engineering came into existence from the inception of the college in 2007. The department offers UG programme with intake of 60 and has been adding features in its cap every year with both curricular and non-curricular activities. The department started its PG program in Engineering Design in the year 2011 with an intake of 18.

The department has state of art laboratories such as Engineering Workshop, Production Technology, Thermal Engineering, Heat & Mass transfer, Metrology, Machine Tools, Metallurgy & Material Science, Instrumentation, Fluid Mechanics & Hydraulic Machinery labs and CAD/CAM labs. The Department is having 14 Teaching, 15 Non-Teaching staff. The faculty of the department with their rich experience in Teaching and Research, authored more than 20 text books in the areas of Mechanical Engineering. Presently, the Faculty is guiding about 20 scholars for Ph.D, in various advanced fields of Mechanical Engineering and already produced 6 PhDs. The department is imparting practical knowledge in Automobile, Refrigeration, Air conditioning and other relevant areas under Re-Engineering and Reverse Engineering centre.

### Scope of the Program

Python programming language, to be the most promising career in technologies, industry. Opportunities in the career of python are increasing tremendously in the world. Since Python has simple codes, faster readability capacity, significant companies are in demand in python language. Python to be an excellent tool in designing progressive ideas. Candidates interested in python increases every day. Knowing python language gives a competitive advantage when compared to other words. Indian IT companies established around 2 lakh jobs in 2018, still expecting more developers in python for their company. Python language becomes more trending since it is implemented in upcoming technologies such as artificial intelligence, machine learning.

### Contents to be Covered

- o Installation and Setting Up Python
- o Python Basics & Python lists
- o Functions and Packages
- o Numpy (NUMericalPYthon)
- o Matplotlib (For data visualisation)
- o Control Flow and Logical Operators
- o ## Scipy - (Integration of ODEs) ## and layouts

### Resource Persons:

**Mr. Vikas Kokkonda**  
Research Scholar IIT Bombay



### Convener:

**Dr. Kandukuri Vasantha Kumar**  
Asst. Professor & Head  
Department of Mechanical Engineering, JNTUHCEJ,  
Nachupally (Kondagattu), Kodimial (M), Jagtial (D),  
Telangana - 505501.  
Ph.: 9948496181 / Email: kvasanth@jntuh.ac.in



# JNTUH COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu), Jagtial Dist. - 505 501, Telangana (India)

## DEPARTMENT OF MECHANICAL ENGINEERING



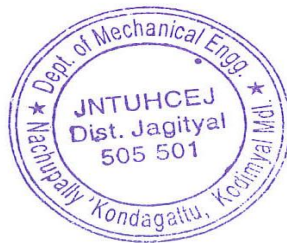
# JNTUH COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu), Jagtial Dist. - 505 501, Telangana (India)

## DEPARTMENT OF MECHANICAL ENGINEERING

### REPORT ON WORKSHOP

ACADEMIC YEAR 2019-20	
Name of the Department	Mechanical engineering
Name of the Event	Workshop
Title of the Event	A Two Day Workshop on Introduction to Python for beginners
Resource Person	Mr. Vikas Kokkonda, Research Scholar, IIT Bombay Email: 911vicky007@gmail.com, Mobile no. :7382402895
Date & Time	17 & 18 July 2019, 10:00 AM – 05:00 PM
Venue	Block-II - Seminar Hall & CAD/CAM Lab
Targetted Audience	B.Tech III yr students
No. of participants	Students: 48
Objective of the Event	To acquire knowledge on Python programming language as it is used in emerging technologies such as artificial intelligence, machine learning.
Outcome of the Event	<ul style="list-style-type: none"><li>• Able to understand the usage of PYTHON software and its applications.</li><li>• Able to write a program using PYTHON software</li></ul>



**HEAD**

Dept. of Mechanical Engineering  
JNTUH College of Engineering Jagtial  
Nachupally (Kondagattu), Kodimial (Mdl.)  
Jagtial Dist. 505 501 Telangana.



# JNTUH COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu), Jagtial Dist. - 505 501, Telangana (India)

## DEPARTMENT OF MECHANICAL ENGINEERING

Starting

Date 17/07/2019 - 1<sup>st</sup> Year

90

SL No	ROLL NO	SYSTEM NO	INTIME	OUTTIME	NAME
1	16JJA0310	19	10:00 pm	7:00 pm	Ch. Navya
2	16JJA0311	19	2:15 pm		Sriridha
3	16JJA0353	78	2:15 pm		O. Hema Nikhil Pavana
4	16JJA0333	21	2:15 pm		
5	16JJA0349	07	10:00 am		Sd. Thasca
6	16JJA0336	16	10:00 am		P. Angula
7	16JJA0341	17	10:00 am		P. Suvudra
8	16JJA0325	15	10:00 am		M. Tejaswini
9	16JJA0316	15	10:00 am		D. Kalpana
10	16JJA0308	14	10:00 am		Ch. Saienu
11	16JJA0321	14	10:00 am		J. Nishu
12	17JJA0302	13	10:00 am		J. Laxmi
13	16JJA0342	12	"		
14	16JJA0347	12	"		
15	16JJA0313	11	"		V. Sri
16	16JJA0343	10	"		S. Sri
17	17JJA0304	10	"		Swathi
18	16JJA0335	17	"	5:00 PM	
19	16JJA0305	C9	10:00 am	5:00 pm	
20	16JJA0301	Laptop	10:00 am	5:00 pm	Lakshmi
21	16JJA0358	Laptop	10:00 am	5:00 pm	Sushma
22	16JJA0339	C7	10:00 am		P. Sathvika
23	16JJA0332	C6	10:00 am	5:00 pm	D. Sri
24	17JJA0306	C5	"	"	
25	16JJA0318	C4	10:00		
26	16JJA0351	Personal Laptop	10 hrs	19 hrs	G. Rakshita
27	16JJA0320	C3	10 hrs	19 hrs	D. Sri
28	16JJA0302	C2	10:00 AM	18:42 pm	
29	16JJA0345	C2	10:00	18:42 pm	
30	16JJA0334	C1	"	"	
31	16JJA0304	Laptop	"	18:44	Shrini
32	16JJA0330	laptop	10:00 AM	19:00	
33	17JJA0303	C2	10:00 AM	19:00	



# JNTUH COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu), Jagtial - 505 501, Telangana

Department of Mechanical Engineering

## Certificate

*This is to certify that Mr./Ms. B. ANIL KUMAR (16JJ1A0304) of IVME, JNTUHCEJ  
has participated in the "Workshop on Introduction to Python for beginners" held on 17 & 18<sup>th</sup>  
July 2019, organized by the Department of Mechanical Engineering, JNTUH COLLEGE OF  
ENGINEERING JAGTIAL Nachupally (Kondagattu), Jagtial Dist. -505 501, Telangana.*

  
Dr. Suresh Arjula

Co-ordinator

  
Dr. K. Vasantha Kumar

Convener



Dr. N.V. Ramana

Principal, JNTUHCEJ



# JNTUH COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu), Jagtial - 505 501, Telangana

Department of Mechanical Engineering

## Certificate

*This is to certify that Mr./Ms. J. LAXMI PRASANNA (17JJSAD0302) of IV ME, JNTUHCEJ has participated in the "Workshop on Introduction to Python for beginners" held on 17 & 18<sup>th</sup> July 2019, organized by the Department of Mechanical Engineering, JNTUH COLLEGE OF ENGINEERING JAGTIAL Nachupally (Kondagattu), Jagtial Dist. -505 501, Telangana.*

**Dr. Suresh Arjula**

Co-ordinator

**Dr. K. Vasantha Kumar**

Convener

**Dr. N.V. Ramana**

Principal, JNTUHCEJ



# JNTUH COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu), Jagtial - 505 501, Telangana

Department of Mechanical Engineering

## Certificate


This is to certify that Mr./Ms. G. RAKESH REDDY (16J11A0318) of IVME, JNTUHCEJ  
has participated in the "Workshop on Introduction to Python for beginners" held on 17 & 18<sup>th</sup>  
July 2019, organized by the Department of Mechanical Engineering, JNTUH COLLEGE OF  
ENGINEERING JAGTIAL Nachupally (Kondagattu), Jagtial Dist. -505 501, Telangana.

  
Dr. Suresh Arjula

Co-ordinator

  
Dr. K. Vasantha Kumar

Convener

  
Dr. N.V. Ramana  
Principal, JNTUHCEJ





**JNTUH COLLEGE OF ENGINEERING JAGTIAL**  
**Nachupally (Kondagattu), Jagtial - 505 501, Telangana**  
**Department of Mechanical Engineering**

## **Certificate**

*This is to certify that Mr./Ms. MD. MUZEEM (16JJ1A0330) of IVME, JNTUHCEJ  
has participated in the "Workshop on Introduction to Python for beginners" held on 17 & 18<sup>th</sup>  
July 2019, organized by the Department of Mechanical Engineering, JNTUH COLLEGE OF  
ENGINEERING JAGTIAL Nachupally (Kondagattu), Jagtial Dist. -505 501, Telangana.*

  
**Dr. Suresh Arjula**

Co-ordinator

  
**Dr. K. Vasantha Kumar**

Convener

  
**Dr. N.V. Ramana**  
Principal, JNTUHCEJ



# JNTUH COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu), Jagtial - 505 501, Telangana

Department of Mechanical Engineering

## Certificate

*This is to certify that Mr./Ms. P. SANTHVANA (16JJIA0339) of VME, JNTUHCEJ  
has participated in the "Workshop on Introduction to Python for beginners" held on 17 & 18<sup>th</sup>  
July 2019, organized by the Department of Mechanical Engineering, JNTUH COLLEGE OF  
ENGINEERING JAGTIAL Nachupally (Kondagattu), Jagtial Dist. -505 501, Telangana.*

**Dr. Suresh Arjula**

Co-ordinator

**Dr. K. Vasantha Kumar**

Convener

**Dr. N.V. Ramana**

Principal, JNTUHCEJ



**JNTUH COLLEGE OF ENGINEERING JAGTIAL**  
**Nachupally (Kondagattu), Jagtial - 505 501, Telangana**  
**Department of Mechanical Engineering**

## **Certificate**

*This is to certify that Mr./Ms. CH. SRINIDHI (16JJ1A0311) of IVME, JNTUHCEJ  
has participated in the "Workshop on Introduction to Python for beginners" held on 17 & 18<sup>th</sup>  
July 2019, organized by the Department of Mechanical Engineering, JNTUH COLLEGE OF  
ENGINEERING JAGTIAL Nachupally (Kondagattu), Jagtial Dist. -505 501, Telangana.*

**Dr. Suresh Arjula**

Co-ordinator

**Dr. K. Vasantha Kumar**

Convener

**Dr. N.V. Ramana**

Principal, JNTUHCEJ