



**Roll No:NPTEL19CS41S51640135**

**To** SANTOSH SADASHIV TODKAR  
A/P- LINGNUR DUMALA  
TAL- KAGAL  
DIST- KOLHAPUR  
KAGAL  
KOLHAPUR  
MAHARASHTRA  
416216  
PH. NO :9766509458



<b>No. of weeks of NPTEL Courses</b>	<b>Equivalence of NPTEL course with regular FDP</b>
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

**Duration of NPTEL course: 12 Weeks**



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANTOSH SADASHIV TODKAR**

for successfully completing the course

**The Joy of Computing Using Python**

with a consolidated score of **89 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jul-Oct 2019)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19CS41S51640135

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19CS41S51640135

To  
SANTOSH SADASHIV TODKAR  
A/P- LINGNUR DUMALA  
TAL- KAGAL  
DIST- KOLHAPUR  
KAGAL  
KOLHAPUR  
MAHARASHTRA  
416216

PH. NO :9766509458



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 Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANTOSH SADASHIV TODKAR**

for successfully completing the course



## The Joy of Computing Using Python

with a consolidated score of **89** %

Online Assignments	24.75/25	Programming Exam	25/25	Proctored Exam	39/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: **8505**

**Prof. Devendra Jalihal**

Chairman  
Centre for Continuing Education, IITM

**Jul-Oct 2019**  
**(12 week course)**

**Prof. Andrew Thangaraj**

NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS41S51640135

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

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>



Roll No: NPTEL19ME49S11550409

To  
SACHIN RAMCHANDRA CHOUGULE  
SHIVAJI NAGAR  
KOPARDE  
KOLHAPUR  
MAHARASHTRA  
415101  
PH. NO :9158590263



**No. of credits recommended by NPTEL:2**

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

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



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SACHIN RAMCHANDRA CHOUGULE**  
for successfully completing the course  
**Design Practice**

with a consolidated score of **80** %

Online Assignments	24.17/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **321**

**Prof. Rajesh M. Hegde**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Jul-Sep 2019**  
**(8 week course)**

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19ME49S11550409

To validate and check scores: <http://nptel.ac.in/noc>