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: NPTEL19CS53S61211029

To GANESH P

NO. 182, BAZAAR VETHI PALAVAKKAM VILLAGE **UTHUKOTTAI TALUK THIRUVALLUR TAMIL NADU** 602028

PH. NO:9003130721



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.



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



This certificate is awarded to

GANESH P

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of

41

Online Assignments | 10.00/25 | Proctored Exam

30.5/75

Devendra Jalihal

Total number of candidates certified in this course: 1217

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: NPTEL19CS53S61211029

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: NPTEL19ME69S31210712

To SATHISH S

PLOT NO CS2, FLAT NO F2, SHREE HOMES,

MANNESWARAR NAGAR EXTENSION,

MANNIVAKKAM,

MANNIVAKKAM

KANCHIPURAM TAMIL NADU

600048

PH. NO:9894260193



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.

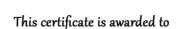
NDT

Elite

NPTEL Online Certification

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





SATHISH S

for successfully completing the course



Fundamentals of Surface Engineering: Mechanisms, Processes and Characterizations

with a consolidated score of 89 %

Online Assignments | 24.69/25 | Proctored Exam | 64.5/75

Total number of candidates certified in this course: 113

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Oct 2019 (12 week course) Prof. Inderdeep Singh

NPTEL Coordinator

IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL19ME69S31210712 To validate and check scores: https://nptel.ac.in/noc