



BHARAT SANCHAR NIGAM LIMITED

(A Government of India Enterprise)

C E R T I F I C A T E

*This is to Certify that Mr/Ms APPAJOSYULA .
CHAITANYA Roll Number 19S131005 studying B.Tech(ECE) at
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
has successfully completed Internship for 4 weeks in Telecom
with effect from 26/07/2021*

BSNL wishes him/her all the best for a bright future


Asst. General Manager (Training)
BSNL, Visakhapatnam

Date : 31/08/2021

ID : 2021MR384





इलेक्ट्रॉनिक्स कारपोरेशन आफ इण्डिया लिमिटेड
Electronics Corporation of India Limited
CIN U32100TG1967GOI001149
(भारत सरकार का उद्यम) / (A Govt. of India Enterprise)
कम्प्यूटर शिक्षा प्रभाग / COMPUTER EDUCATION DIVISION



ISO 9001:2008
ISO 9001:2015
006422

PROJECT / INTERSHIP COMPLETION CERTIFICATE

Date: 23/06/2021

This is to certify that Mr. APPAJOSYULA CHAITANYA Reg.No: 39130031 is a student of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY pursuing the Degree of B.TECH., in ELECTRONICS AND COMMUNICATION ENGINEERING, has carried out Project work / Internship titled "EMBEDDED SECURITY SYSTEMS" in "EMBEDDED SYSTEMS" under our guidance during the period from 19/04/2021 TO 18/05/2021 in partial fulfillment of the requirements for the award of the above mentioned degree. The student is punctual, hardworking and shown keen interest to produce the project output and results.

SRIVIDHYA SHETTY

AGM: CED

SRIVIDHYA SHETTY
AGM, CED
ECIL, HYDERABAD-500 062



अतिथि गृह कॉम्प्लेक्स, ई सी आई एल, हैदराबाद, तेलंगाना, भारत.
Guest House Complex, ECIL, Hyderabad - 500 062, T.S., INDIA.
दूरभाष / Tel. 2712 5864, 2712 2816, टेली फैक्स / Tele Fax : +91-040-2712 6017
वेब साइट / Web Site : www.ecil.co.in, ई-मेल / E-mail : headced@ecil.co.in

Certificate of Completion

*This is to certify that **Chaitanya Appajosyula** successfully completed 7.5 total hours of **Python Complete Course For Python Beginners** online course on July 14, 2021*

Horizon Tech
Horizon Tech, Instructor

&
 **Udemy**

Certificate no: UC-4200b75f-9bf9-4cd2-b9a0-7b95fdc9389d
Certificate url: udemy.com/UC-4200b75f-9bf9-4cd2-b9a0-7b95fdc9389d
Version 3

#BeAble

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: NPTEL21CS85S14460080

To
APPAJOSYULA CHAITANYA
2-8 HIGH SCHOOL ROAD KOSURU.
MOVVA MANDAL, KRISHNA DISTRICT
MACHILIPATNAM
ANDHRA PRADESH - 521150
PH. NO :7287005126



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:2

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



NPTEL Online Certification

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



This certificate is awarded to

APPAJOSYULA CHAITANYA

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **48** %

Online Assignments	18.46/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1383**

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



UCI Division of Continuing Education

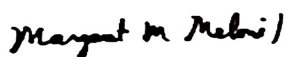
Nov 11, 2020

Appajosyula Chaitanya

has successfully completed

Initiating and Planning Projects

an online non-credit course authorized by University of California, Irvine and offered through Coursera



Margaret Meloni, MBA, PMP
Instructor
University of California, Irvine Division of Continuing Education

COURSE
CERTIFICATE



Verify at coursera.org/verify/SUAK955VNXPX

Coursera has confirmed the identity of this individual and their participation in the course.



The State University
of New York

Nov 11, 2020

Appajosyula Chaitanya

has successfully completed

Electric Power Systems

an online non-credit course authorized by University at Buffalo, The State University of
New York and offered through Coursera

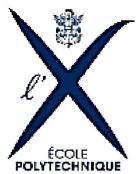
Ilya Grinberg, Professor
Engineering Technology
Buffalo State College

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/CKVR5JYBTLEN

Coursera has confirmed the identity of this individual and their
participation in the course.



INSTITUT
POLYTECHNIQUE
DE PARIS

Jul 19, 2020

Appajosyula Chaitanya

has successfully completed

Photovoltaic solar energy

an online non-credit course authorized by École Polytechnique and offered through Coursera

COURSE
CERTIFICATE



Bernard Drevillon,
Professor of Physics
Ecole polytechnique
(Palaiseau, France)

Erik Johnson
CNRS Researcher
Laboratoire de Physique des Interfaces et des Couches Minces (LPICM)

Verify at coursera.org/verify/CKEPCZGJMZ6J

Coursera has confirmed the identity of this individual and their participation in the course.



The State University
of New York

Jun 23, 2020

Appajosyula Chaitanya

has successfully completed

Safety in the Utility Industry

an online non-credit course authorized by University at Buffalo, The State University of New York and offered through Coursera

Richard Stempniak, Associate Professor
Engineering Technology
Buffalo State College

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/UACZ3E6SS6LB

Coursera has confirmed the identity of this individual and their participation in the course.



Technical University
of Denmark

Jun 19, 2020

Appajosyula Chaitanya

has successfully completed

Introduction to solar cells

an online non-credit course authorized by Technical University of Denmark (DTU) and
offered through Coursera

A handwritten signature in black ink, appearing to read 'Morten'.

Sidset-Haric

Morten Vesterager Madsen
Researcher
DTU Energy
Co-founder of infinityPV ApS

COURSE
CERTIFICATE



Verify at coursera.org/verify/LC6GD7Q5VEPE

Coursera has confirmed the identity of this individual and their
participation in the course.



The State University
of New York

Jun 22, 2020

Appajosyula Chaitanya

has successfully completed

Natural Gas

an online non-credit course authorized by University at Buffalo, The State University of
New York and offered through Coursera

Thomas N Russo

Tom Russo, President
Russo on Energy LLC

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/34K76CCX7X3D

Coursera has confirmed the identity of this individual and their
participation in the course.



Jun 19, 2020

Appajosyula Chaitanya

has successfully completed

Automatic Machine Learning with H2O AutoML and Python

an online non-credit course authorized by Coursera Project Network and offered through Coursera

A stylized black ink signature of Snehan Kekre.

Snehan Kekre
Instructor
Machine Learning and Data Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/YT9VN66G6VS6

Coursera has confirmed the identity of this individual and their participation in the course.