



# NRI INSTITUTE OF TECHNOLOGY

## AUTONOMOUS

NATIONAL BOARD  
OF ACCREDITATION



APPROVED BY AICTE : PERMANENTLY AFFILIATED TO JNTUK, KARNATAKA

Accredited by NBA (CSE, ECE & EEE) : An ISO 9001:2015 Certified Institution  
Pothavarappadu (V), Agiripalli (M), Krishna (Dt), A.P-521212

## Certificate of Appreciation

This is to Certify that

**A. Satyavati**

From **CBIT**

has Successfully Completed “National Level Online Quiz on Digital Image Processing”, Organized by Department of Electronics and Communication Engineering on 6/23/2020 with a passing score of 55%.



**R. Upendar Rao**  
Co-coordinator



**M. P. Kishore**  
Coordinator



**Dr V. Ramesh Babu**  
Convener



**Dr K. Krishna Murthy**  
HOD



**Dr C. Naga Baskar**  
Principal

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: NPTEL20EE40S21600706

To  
SATYAVATI JAGA  
ASST PROF, ECE DEPARTMENT,  
CBIT,GANDIPET, HYDERABAD  
NEAR OCEAN PARK  
K.V.RANGAREDDY  
TELANGANA - 500075  
PH. NO :9494235614



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:1

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  
**SATYAVATI JAGA**  
for successfully completing the course

## Medical Image Analysis

with a consolidated score of **51** %

Online Assignments	20.83/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **56**

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

Feb-Mar 2020  
(4 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



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: NPTEL20EE98S71600218

To  
SATYAVATI JAGA  
ASST PROF, ECE DEPARTMENT,  
CBIT,GANDIPET, HYDERABAD  
NEAR OCEAN PARK  
K.V.RANGAREDDY  
TELANGANA - 500075  
PH. NO :9494235614



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  
**SATYAVATI JAGA**  
for successfully completing the course

## Introduction to Embedded System Design

with a consolidated score of **71** %

Online Assignments	22.66/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **1371**

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*  
**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20EE98S71600218

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



# RISE Krishna Sai Prakasam Group of Institutions

( Approved by AICTE, New Delhi, Affiliated to JNTUK Kakinada & Accredited by "NBA" for B.Tech.in ECE,EEE,CE & ME )  
NH-16, Vallur- 523272, Ongole, Prakasam District, Andhra Pradesh [www.risekrishnasaiprakasam.edu.in](http://www.risekrishnasaiprakasam.edu.in)

Department of **Electronics and Communication Engineering**

Certificate  
ID:2HB9F4-CE000168

## Certificate of Participation

This is to certify that

**A. Satyavati**, Assistant professor

of

**CBIT**

has actively participated in Two day International level Online Webinar on  
**"Computer Vision and Image Processing--Industrial Scope"**  
organized by the Department of Electronics and Communication  
Engineering, RISE Krishna Sai Prakasam Group of Institutions, Ongole in  
association with IETE chapter from 13/07/2020 to 14/07/2020.

  
**Mr. K Suresh Babu**  
Coordinator

  
**Dr. Ch. Venugopal Reddy**  
Professor & HoD

  
**Dr. AV Bhaskara Rao**  
Principal



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

### *Certificate of Participation*

This is to certify that **Ms. A.Satyavati** from **CBIT, Hyderabad** has participated and successfully completed the **5-day online FDP** on the theme **“Inculcating Universal Human Values in Technical Education”** organized by **All India Council for Technical Education(AICTE)** from **26 July, 2021 to 30 July, 2021.**

A handwritten signature in blue ink, appearing to read "Dr. Arora".

**Dr. Rajneesh Arora**  
Chairman  
National Coordination Committee for Induction Program

A handwritten signature in blue ink, appearing to read "Prof. Rajive Kumar".

**Prof. Rajive Kumar**  
Member Secretary, AICTE

# POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING & TECHNOLOGY



ACCREDITED BY NAAC, NBA (B.TECH: ECE, EEE, and CSE), ISO 9001:2005 CERTIFIED  
Vijayawada, Andhra Pradesh

## Certificate

### Of Participation



This certifies that

**A. Satyavati**

**CBIT(A), HYDERABAD**

has actively participated in a Webinar on **"Touching Sky Without Fear" (UAV - Unmanned Aerial Vehicle)** Organized by Department of Electronics & Communication Engineering of PSCMRCEET in association with **IEEE VIZAG BAY SECTION** and **INSTITUTION'S INNOVATION COUNCIL (MHRD)** on 27-05-2020.

**Dr. M Ranga Rao**  
Coordinator

**Dr. A Ravi**  
HOD-ECE

**Dr. K Nageswara Rao**  
Principal



# **HINDU COLLEGE OF ENGINEERING & TECHNOLOGY**

(Approved by AICTE , New Delhi & Affiliated to JNTUK , Kakinada & APSBTET)  
Amaravathi Road , Guntur-522002 , ANDHRA PRADESH

## *Certificate of Participation*

**This is to certify that**

**Smt.A.Satyavati**

**Chaitanya Bharati Institute of Technology(A)**

*has actively participated in a webinar on "5G Technology & World of Internet"  
Organised by Department of Electronics & Communication Engineering held on  
28th May 2020.*

*J. Satyavati*  
**HOD**

*J. Satyavati*  
**Principal**

*J. Satyavati*  
**Director**



MAHATMA GANDHI  
INSTITUTE OF TECHNOLOGY  
Kokapet(Village), Gandipet, Hyderabad, Telangana - 500075. [www.mgit.ac.in](http://www.mgit.ac.in)



MOTIVATE  
INNOVATE  
EMPOWER

23

YEARS

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

## CERTIFICATE OF PARTICIPATION

This is to certify that

**A. Satyavati**

Participated in One Week Online Faculty Development Programme on  
**"Future Nano Electronic Devices & Circuits"**, organized by Department  
of Electronics & Communication Engineering, MGIT, Hyderabad,  
from 06th to 10th July, 2020

*D.V.S. Nagendra Kumar & A. Navaneetha*

D.V.S.Nagendra Kumar & A Navaneetha  
Coordinators, FDP

*Dr.S.P.Singh*

Dr.S.P.Singh  
Convener, FDP

*Prof.K.Jaya Sankar*

Prof.K.Jaya Sankar  
Principal, MGIT





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R. Upendar Rao

Co-coordinator



M. P. Kishore  
Coordinator



Dr V. Ramesh Babu  
Convener



Dr K. Krishna Murthy  
HOD



Dr C. Naga Baskar  
Principal

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Roll No: NPTEL20EE40S21600706

To  
SATYAVATI JAGA  
ASST PROF, ECE DEPARTMENT,  
CBIT,GANDIPET, HYDERABAD  
NEAR OCEAN PARK  
K.V.RANGAREDDY  
TELANGANA - 500075  
PH. NO :9494235614



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:1

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  
**SATYAVATI JAGA**  
for successfully completing the course

## Medical Image Analysis

with a consolidated score of **51** %

Online Assignments	20.83/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **56**

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

Feb-Mar 2020  
(4 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



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Roll No: NPTEL20EE98S71600218

To  
SATYAVATI JAGA  
ASST PROF, ECE DEPARTMENT,  
CBIT,GANDIPET, HYDERABAD  
NEAR OCEAN PARK  
K.V.RANGAREDDY  
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PH. NO :9494235614



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Elite

# NPTEL Online Certification

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This certificate is awarded to  
**SATYAVATI JAGA**  
for successfully completing the course

## Introduction to Embedded System Design

with a consolidated score of **71** %

Online Assignments	22.66/25	Proctored Exam	48/75
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*Devendra Jaliha*

**Prof. Devendra Jaliha**  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **1371**

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*  
**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20EE98S71600218

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



# RISE Krishna Sai Prakasam Group of Institutions

( Approved by AICTE, New Delhi, Affiliated to JNTUK Kakinada & Accredited by "NBA" for B.Tech.in ECE,EEE,CE & ME )  
NH-16, Vallur- 523272, Ongole, Prakasam District, Andhra Pradesh [www.risekrishnasaiprakasam.edu.in](http://www.risekrishnasaiprakasam.edu.in)

Department of **Electronics and Communication Engineering**

Certificate  
ID:2HB9F4-CE000168

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of

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association with IETE chapter from 13/07/2020 to 14/07/2020.

  
**Mr. K Suresh Babu**  
Coordinator

  
**Dr. Ch. Venugopal Reddy**  
Professor & HoD

  
**Dr. AV Bhaskara Rao**  
Principal



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

### *Certificate of Participation*

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A handwritten signature in blue ink, appearing to read "Dr. Arora".

**Dr. Rajneesh Arora**  
Chairman  
National Coordination Committee for Induction Program

A handwritten signature in blue ink, appearing to read "Prof. Rajive Kumar".

**Prof. Rajive Kumar**  
Member Secretary, AICTE



Roll No:NPTEL19CE45S11400738

To P SATHISH  
9-2/40, MADHAVI NAGAR  
HYDERSHAKOTE  
HYDERABAD  
TELANGANA  
500009  
PH. NO :9177545484



Duration of NPTEL course: 4 Weeks

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



# NPTEL-AICTE Faculty Development Programme

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



This certificate is awarded to

**P SATHISH**

for successfully completing the course

**Global Navigation Satellite Systems and  
Applications**

with a consolidated score of **71 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jul-Aug 2019)

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

Roll No: NPTEL19CE45S11400738

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



Roll No:NPTEL19CS74S31471845

To PASIKA SATHISH  
9-2/40, BRINDAVAN HOEMS,  
MADHAVI NAGAR  
HYDERSHAKOTE  
HYDERABAD  
TELANGANA  
500009  
PH. NO :9177545484



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
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

**PASIKA SATHISH**

for successfully completing the course

**Switching Circuits and Logic Design**

with a consolidated score of **76 %**



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: NPTEL19CS74S31471845

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



Roll No:NPTEL19GE18S51471566

To PASIKA SATHISH  
9-2/40, BRINDAVAN HOEMS,  
MADHAVI NAGAR  
HYDERSHAKOTE  
HYDERABAD  
TELANGANA  
500009  
PH. NO :9177545484



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

Duration of NPTEL course: 8 Weeks



# NPTEL-AICTE Faculty Development Programme

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



This certificate is awarded to

**PASIKA SATHISH**

for successfully completing the course

**Accreditation and Outcome Based Learning**

with a consolidated score of **67 %**



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Aug-Oct 2019)

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

Roll No: NPTEL19GE18S51471566

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



### FDPs/STTP/Workshops/Seminars/Industrial visit/Webinars Attended

S.No	Title of the Program	Type of Program	Organized by	Duration
1.	Outcome Based Curriculum And Examination Reforms	ATAL FDP	B.V.V.S.Polytechnic (autonomous),Bagalokot.	25- 29 Oct 2020
2.	Machine Learning and Deep Learning Techniques for Artificial Intelligence Problems using Python (MLDLT 2020)	AICTE Sponsored One Week Online STTP	VNRVJIET, Hyderabad	16- 21 Nov 2020
3.	High Performance Intelligent Real Time Embedded Systems and Internet of Things to accelerate automation system into autonomous system	AICTE Sponsored One Week Online STTP	R.M.K Engineering College, Tamil Naidu	1-7 September 2020
4.	Data Science for all	Two week online FDP	Jointly Organized by E&ICT academies- NIT Warangal, IITDM Jabalpur and NIT Patna	27 July to 8 August 2020
5.	Python Programming	online FDP	Dept. of CSE K L Deemed to be University, Hyderabad in association with IITB spoken tutorials, funded by NMEICT, MHRD, Govt. of India	15-18 July 2020
6.	The BodhiTree and SAFE Tools for Effective Online Teaching	A Hands on Workshop	Teaching Learning Centre (ICT) at IIT Bombay, funded by PMMMNMTT, MHRD, Govt. of India	20 June 2020
7.	Effective and Efficient Online Teaching in the Age of Corona	A Hands on Workshop	Teaching Learning Centre (ICT) at IIT Bombay, funded by PMMMNMTT,	23 May 2020

			MHRD, Govt. of India	
8.	Outcome Based Education and NBA Accreditation process(UG)	Online FDP	CBIT	28 May to 01 June 2020
9.	MATLAB based Teaching-Learning in Mathematics, Science & Engineering	Online STTP	Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with Design Tech Systems Pvt. Ltd.	18-22, May 2020.
10	Internet of Things and its Application in Industry	Online STTP	Department of Instrumentation Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai and B&R Automation Pune	08-12, June 2020
11.	Entrepreneurship, Incubation and Innovation	One week Online FDP	Teaching Learning Centre, Ramanujan College, University of Delhi Sponsored by MHRD, Pandit Madan Mohan Malaviya National Mission on Teachers and Training	23 - 29 June, 2020
12.	Open Source Tools for Research	One week Online FDP	Teaching Learning Centre, Ramanujan College, University of Delhi Sponsored by MHRD, Pandit Madan Mohan Malaviya National Mission on Teachers and	08 - 14 June, 2020

			Training	
13.	Sahitya, Media, Manovigyan Aur Vanijya Ke Vividh Aayam	One week Online FDP	Teaching Learning Centre, Ramanujan College, University of Delhi Sponsored by MHRD, Pandit Madan Mohan Malaviya National Mission on Teachers and Training	May 29 - June 03, 2020
14.	NAAC Awareness Program for Faculty	One week Online FDP	Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune	8-14 MAY 2020
15.	5G Architecture use cases & Govt Initiatives	Webinar	Regional Office, TRAI Hyderabad	21 August 2020.
16.	Image Processing using Python	Webinar	Mount Zion college of Engineering and Technology in association with Pantech	12 May 2020
17.	Virtual Reality	Webinar	SRM Inst. of Science Technology in association with Pantech	14 May 2020
18.	CO-PO Attainment Computation and Outcome Analysis	Webinar	inpods Ed-tech Organization	12 June 2020
19.	Internet of Things using Raspberry PI	Webinar	Institute of Engineering and Technology in association with Pantech	19 June 2020
20.	Online Teaching-Learning and Online Assessment Demo	Webinar	inpods Ed-tech Organization	19 June 2020
21.	Internet of Things using Arduino	Webinar	Dr. Shyama Prasad Mukherjee University in association with Pantech	16 June 2020
22.	Internet of Things using NodeMCU	Webinar	Shiv Kunar Singh Institute of Science	23 June 2020

			of Technology in association with Pantech	
23.	Design of Brain Control Applications	Webinar	Dr. B.R.Ambedkar NIT Jalandar in association with Pantech	26 June 2020
24.	Publishing Research articles in Scopus Indexed Journals	Webinar	CBIT-School of Management Studies	24 June 2020
25.	India's First Leadership Talk with Shri Shashi Shekhar (CEO- Prasar Bharti)	Webinar	MHRD Innovation cell	11 July 2020
26.	Computer Vision Application Design	Webinar	ATRIA Institute of Technology, Bengaluru	14 July 2020
27.	IIOT Industry 4.0	Webinar	Shree Ramchandra college of Engineering in association with Pantech	25 July 2020
28.	Object Recognition using Mobile app	Webinar	Khalsa college for women in association with Pantech	10 July 2020
29.	Measuring and Forecasting Atmospheric Constituents Theme: Sensor, IoT and Big Data	Workshop	IEEE CIS/GRSS Jt. Chapter and IEEE CAS/EDS Jt. Chapter and CASEST, University of Hyderabad	29-30 Sept. 2018

# Certificate of Completion

This is to certify that

**Sathish Pasika**

from their Home, through IIT Bombay BodhiTree platform  
successfully completed the

**'Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop'**  
on **23 May 2020**

He/She has attended the interaction session and successfully completed both pre and post workshop online activities,  
involving 3 days of video lectures and hands-on work.

This training was organised by the Teaching Learning Centre (ICT) at IIT Bombay,  
funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India



**Prof. Kannan Moudgalya**  
Project Coordinator, Teaching  
Learning Centre (ICT),  
PMMMNMTT, IIT Bombay



**Prof. Bhaskaran Raman**  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Kameswari Chebrolu**  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Varsha Apte**  
Department of Comp.Sci and Engg.,  
IIT Bombay





**NATIONAL MISSION ON  
TEACHERS AND TEACHING**

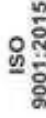


For details and verification,  
scan the QR code

This training was made possible with help from Spoken Tutorial and FOSSEE Projects at IIT Bombay.  
These Projects are funded by the National Mission on Education through ICT, MHRD, Govt. of India.



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**  
Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbti.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**41** years

## CERTIFICATE OF PARTICIPATION

This is to Certify **Sri P.Sathish** **Assistant Professor** of

**ECE** has Successfully completed a One Week

Faculty Development Program on "Outcome Based Education and NBA Accreditation Process- (UG)", during 28-05-2020

to 01-06-2020.

**Prof. K. RADHIKA**  
CONVENER

Head, IT Dept.

**Prof. M. SWAMY DAS**  
CONVENER

Joint Director (Academics)

**Prof. K. KRISHNAVENI**  
CONVENER

Director (Academics)

**Dr. P. RAVINDER REDDY**  
PRINCIPAL



**D Y PATIL**  
DEEMED TO BE  
UNIVERSITY  
— RAMRAO ADIK —  
INSTITUTE OF TECHNOLOGY  
NAVI MUMBAI

**DesignTech**  
Technology for designing the future



5-Days Online STTP on

*MATLAB based Teaching-Learning in  
Mathematics, Science & Engineering*

## **Certificate of Participation**

This is to certify that **Mr. Pasika Sathish** from **Chaitanya Bharathi Institute of Technology** has successfully completed the online Short Term Training Program on “**MATLAB based Teaching-Learning in Mathematics, Science & Engineering**”.

This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18<sup>th</sup> to 22<sup>nd</sup> May 2020.

**Mr. M M Zafar**  
National Technical Manager,  
Designtech Systems Pvt Ltd.

**Dr. Prasiddh Trivedi**  
STTP Convenor

**Dr Vishwesh A. Vyawahare**  
Head, Electronics Engg., RAIT

**Dr. Mukesh D. Patil**  
Principal, RAIT





**DY PATIL**  
DIED TO BE  
UNIVERSITY  
—RAMRAO ADIK—  
INSTITUTE OF TECHNOLOGY  
NAVI MUMBAI

**RAMRAO ADIK INSTITUTE OF TECHNOLOGY, NERUL, NAVI MUMBAI**  
**DEPARTMENT OF INSTRUMENTATION ENGINEERING**  
**AND**  
**B & R AUTOMATION PVT LTD, PUNE**



# CERTIFICATE OF COMPLETION



THIS IS TO CERTIFY THAT,

MR./MS. SATHISH PASIKA

HAS SUCCESSFULLY COMPLETED THE 5 DAY ONLINE SHORT TERM  
TRAINING PROGRAM ON **“INTERNET OF THINGS (IOT) & IT’S  
APPLICATIONS IN INDUSTRY”** JOINTLY ORGANIZED BY THE  
DEPARTMENT OF INSTRUMENTATION ENGINEERING, RAMRAO ADIK  
INSTITUTE OF TECHNOLOGY, NAVI MUMBAI AND B&R AUTOMATION  
PVT. LTD. PUNE FROM **JUNE 8-12, 2020.**

MR. TANMAY SHARMA  
EDUCATION NETWORK,  
B & R AUTOMATION PVT LTD

DR. SHARAD P. JADHAV  
CONVENOR,  
HEAD, INSTRUMENTATION ENGG.

DR. MUKESH D. PATIL  
PRINCIPAL  
R.A.I.T





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Development

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University of Delhi*

Sponsored by

MINISTRY OF HUMAN RESOURCE DEVELOPMENT  
PANDIT MADAN MOHAN MALAVIYA  
NATIONAL MISSION ON TEACHERS AND TEACHING

*Certificate*

*This is to certify that*

**Sathish Pasika**

*of*

Dept. of ECE, Chaitanya Bharathi Institute of Technology

successfully completed One Week Faculty Development Programme on

*"Entrepreneurship, Incubation and Innovation"*

*from June 23 - June 29, 2020.*



**Dr. S.P. AGGARWAL**  
(Principal)

**Dr. Mohinder Paul**  
(Convenor)



Government of India  
Ministry of Human Resource  
Development

*Teaching Learning Centre  
Ramanujan College  
University of Delhi*

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MINISTRY OF HUMAN RESOURCE DEVELOPMENT  
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NATIONAL MISSION ON TEACHERS AND TEACHING

*Certificate*

*This is to certify that*

**Sathish Pasika**

*of*

Chaitanya Bharathi Institute of Technology

successfully completed One Week Faculty Development Programme on

*"Open Source Tools for Research"*

*from June 08 - June 14, 2020.*



**Dr. S.P. AGGARWAL**  
(Principal)

**Mr. Sahil Pathak**  
(Convenor)



Government of India  
Ministry of Human Resource  
Development

*Teaching Learning Centre  
Ramanujan College  
University of Delhi*

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*Certificate*

*This is to certify that*

**Sathish Pasika**

*of*

**Chaitanya Bharathi Institute of Technology**

has Successfully completed One Week Inter Disciplinary Faculty Development

Programme on

*"SAHITYA, MEDIA, MANOVIGYAN AUR VANIJYA KE VIVIDH AAYAM"*

*from May 29 - June 03, 2020.*



**Dr. S.P. AGGARWAL**  
(Principal)



**Dr. ALOK RANJAN PANDEY**  
(Convenor)

**Dr. MADHU KAUSHIK**  
(Convenor)



May 22, 2020

**Sathish Pasika**

has successfully completed

**Building Arduino robots and devices**

an online non-credit course authorized by Moscow Institute of Physics and Technology  
and offered through Coursera

Алексей Перепелкин  
Руководитель направления развития цифрового творчества старший преподаватель  
ЦИОТ МФТИ

Дмитрий Савицкий  
Старший преподаватель  
ЛИОТ МФТИ

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/Q5URCRYMB6VF](https://coursera.org/verify/Q5URCRYMB6VF)  
Coursera has confirmed the identity of this individual and their participation in the course.



05/11/2020

**Sathish Pasika**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'Charles', written over a horizontal dotted line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/8NA8YYHA7QCG](https://coursera.org/verify/8NA8YYHA7QCG)  
Coursera has confirmed the identity of this individual and  
their participation in the course.



**YONSEI**  
UNIVERSITY

05/11/2020

**Sathish Pasika**

has successfully completed

**Wireless Communications for Everybody**

an online non-credit course authorized by Yonsei University and offered through  
Coursera

*Thanghan Kim*

Kwang-Soon Kim, Seong-Lyun Kim, Chan-Byoung Chae, Dae-Sik Hong, Song-Kuk Kim  
School of Electrical & Electronic Engineering & Integrated Technology  
Yonsei University

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/U3VWJYNEMTZK](https://coursera.org/verify/U3VWJYNEMTZK)  
Coursera has confirmed the identity of this individual and  
their participation in the course.



May 1, 2020

**Sathish Pasika**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink that reads "Andrew Ng".

Adjunct Professor Andrew Ng  
Computer Science Department  
Stanford University

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/NFTA4B7KQ8Q4](https://coursera.org/verify/NFTA4B7KQ8Q4)  
Coursera has confirmed the identity of this individual and their participation in the course.

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: NPTEL20GE07S1215557

To

PASIKA SATHISH  
9240, BRINDAVAN HOEMS, MADHAVI NAGAR  
HYDERSHAKOTE  
HYDERABAD  
TELANGANA - 500009  
PH. NO :9177545484



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

**PASIKA SATHISH**

*for passing the course*

**Roadmap for Patent Creation**

with Score\* **80** %

**Covid-19  
impacted  
January 2020  
semester**

*A. Goswami*

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

**Jan-Mar 2020  
(8 week course)**



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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: NPTEL20CS22S1891382

To

PASIKA SATHISH  
9240, BRINDAVAN HOEMS, MADHAVI NAGAR  
HYDERSHAKOTE  
HYDERABAD  
TELANGANA - 500009  
PH. NO :9177545484



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.



# NPTEL Online Certification

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



This certificate is awarded to

**PASIKA SATHISH**

for passing the course

**Introduction to Internet of Things**

with Score\* **91** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



# Certificate of Participation



This Certificate is presented to

Mr/Ms Sathish Pasika for

Participating in webinar on “*5G - Architecture, use cases & Govt. Initiatives*” organised by  
Regional Office, Telecom Regulatory Authority of India,  
Hyderabad on 21st, August 2020.

Signed

(CH. BHIKSHAM)  
Senior Research Officer

Certificate No: IMP\_13\_May\_2020\_997

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Technology Beyond the Dreams



# CERTIFICATE OF PARTICIPATION

IS PRESENTED TO

Mr.PASIKA SATHISH

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

FOR PARTICIPATING IN THE WEBINAR " IMAGE PROCESSING USING PYTHON "  
ON 12<sup>TH</sup> MAY 2020 HOSTED BY MOUNT ZION COLLEGE OF ENGINEERING AND  
TECHNOLOGY PUDUKKOTTAI IN ASSOCIATION WITH PANTECH

SRINIVASAN N., DIRECTOR  
PANTECH E LEARNING



Certificate No: PANVR 14 05 20 1249

# CERTIFICATE

## OF PARTICIPATION

IS PRESENTED TO

Mr.PASIKA SATHISH

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

FOR PARTICIPATING IN THE WEBINAR " VIRTUAL REALITY "  
ON 14<sup>TH</sup> MAY 2020 HOSTED BY DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS  
IN ASSOCIATION WITH PANTECH

  
SRIVASAN N, DIRECTOR  
PANTECH E LEARNING

DR.J.DHILIPAN VICE PRINCIPAL - ACADEMIC  
FACULTY OF SCIENCE & HUMANITIES  
SRM 1ST, RAMAPURAM CAMPUS,  
CHENNAI.



DR.J.DHILIPAN VICE PRINCIPAL - ACADEMIC  
FACULTY OF SCIENCE & HUMANITIES  
SRM 1ST, RAMAPURAM CAMPUS,  
CHENNAI.

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# CERTIFICATE

PROUDLY PRESENTED TO

*Sathish Pasika*

---

CO-PO Attainment Computation and Outcomes  
Analysis

Jun 12, 2020

Date of Completion

*InPods Ed-tech*

Organizer

**in**Pods

CERTIFICATE NO : PS-IET-1906-1765

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# CERTIFICATE

## OF PARTICIPATION

IS PRESENTED TO Mr.Sathish Pasika

Chaitanya Bharathi Institute of Technology

For Participating in the Webinar " INTERNET OF THINGS USING RASPBERRY PI " on 19th June 2020  
hosted by " INSTITUTE OF ENGINEERING AND TECHNOLOGY " in association with PANTECH

**M.Malaiyappan**

Director  
Pantech Solutions



**Dr. Rohit Kumar Singhal**

Professor, HOD (CSE)  
Institution of Engineering and Technology

CERTIFICATE NO : PAN-ATRIA-1407-770

# CERTIFICATE OF PARTICIPATION

IS PRESENTED TO Mr.Sathish Pasika

Chaitanya Bharathi Institute of Technology

for participating in the webinar “COMPUTER VISION APPLICATION DESIGN”  
on 14<sup>th</sup> July 2020 hosted by “ATRIA INSTITUTE OF TECHNOLOGY, Bengaluru”  
in association with “PANTECH”



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WWW.PANTECHSOLUTIONS.NET

M.MALAIYAPPAN  
DIRECTOR  
PANTECH SOLUTIONS

DR. ARUN BALODI  
HOD, ECE,  
AIT, BENGALURU

DR. AMBAR BAJPAI  
EVENT COORDINATOR,  
AIT, BENGALURU

AI  
WEBINAR  
SERIES  
2020

CERTIFICATE NO : PAN-DSPM-1606-1665

**PANTECH SOLUTIONS**  
Technology Beyond the Dreams

**CERTIFICATE**

**OF PARTICIPATION**

IS PRESENTED TO Mr.Sathish Pasika

Chaitanya Bharathi Institute of Technology

For Participating in the Webinar " INTERNET OF THINGS USING ARDUINO " on 16<sup>TH</sup> June 2020  
hosted by **Dr.SHYAMA PRASAD MUKHERJEE UNIVERSITY** in association with **PANTECH**



**M.Malaiyappan**

Director

Pantech Solutions



**Dr.Abhay Sagar Minz**

Coordinator / HOD

Dr.Shyama Prasad mukherjee University





CERTIFICATE NO: PAN-SKSITS-2306-3311

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Technology Beyond the Dreams

SKSITS



# CERTIFICATE OF PARTICIPATION

IS PRESENTED TO Mr.Sathish Pasika

Chaitanya Bharathi Institute of Technology

for participating in the webinar " INTERNET OF THINGS USING NODEMCU " on 23<sup>th</sup> June 2020  
hosted by " SHIV KUMAR SINGH INSTITUTE OF TECHNOLOGY AND SCIENCE " in association

with PANTECH

M.Malaiyappan

Director  
Pantech Solutions

Dr. Vikas Tiwari

Principal & Professor  
SKSITS

SMT. Chanda Sisodiya

(Chair-person)  
SKSITS Indore(MP)



CERTIFICATE NO : PAN-NITJ-2606-2572

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# CERTIFICATE OF PARTICIPATION

IS PRESENTED TO Mr.Sathish Pasika

Chaitanya Bharathi Institute of Technology

for participating in the webinar "DESIGN OF BRAIN CONTROL APPLICATIONS" on 26<sup>th</sup> June 2020 hosted by "Dr. B.R. Ambedkar National Institute of Technology Jalandhar" in association with "PANTECH"

**M.Malaiyappan**  
Director  
Pantech Solutions

**Dr Indu Saini**  
Assistant Professor  
NIT, Jalandhar

**Dr Neetu Sood**  
Assistant Professor  
NIT, Jalandhar





**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**

Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. www.cb.it.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**41**  
years

## CERTIFICATE OF PARTICIPATION

This is to Certify Mr. /Ms. /Mrs. /Dr. \_\_\_\_\_ **Sathish Pasika** of \_\_\_\_\_

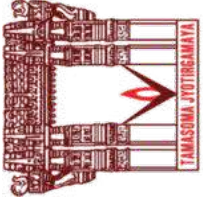
**Chaitanya Bharathi Institute of Technology**

\_\_\_\_\_ has participated in webinar on

“Publishing Research Articles in Scopus Indexed Journals” conducted by CBIT - School of Management Studies on 24<sup>th</sup> June, 2020.

**Dr. S. SARASWATHI**  
CONVENER

**Dr. P. RAVINDER REDDY**  
PRINCIPAL



## **VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Pragathi Nagar, Nizampet (S.O.), Hyderabad TS 500 090 India  
AICTE Approved; UGC Autonomous; JNTUH Affiliated; UGC "College with Potential for Excellence"; NAAC "A++" Grade  
ISO 9001:2015 Certified; QS I.GAUGE "Diamond" Rated; NIRF 2020: 127<sup>th</sup> Rank Engineering (151–200 Band Overall)  
NBA Accredited: CE, CSE, ECE, EEE, EIE, IT, ME; JNTUH-Recognised Research Centres: CE, CSE, ECE, EEE, ME



## **CENTRE FOR PRESENTING AND DESIGN THINKING (CPADT)**

appreciates the enthusiastic participation of

**MR. TUMMALA ARAVINDA BABU**

ASST. PROF., DEPT. OF ECE, CBIT

in the **1-Week Online Faculty Development Programme** on

## **“Design Thinking in Engineering Education”**

conducted during Jun. 15–20, 2020.

**Dr. N Sandhya**  
**Coordinator, CPADT**

**Dr. B Chennakesava Rao**  
**Director for Advancement**

**Dr. C D Naidu**  
**Principal**



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INSTITUTE OF TECHNOLOGY (A)**  
Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. [www.cb.it.ac.in](http://www.cb.it.ac.in)



Accredited by  
**NAAC**  
Grade - A



100% Rank in  
**nirf**  
NATIONAL INSTITUTE  
RANKING

ISO  
9001:2015

COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**41**  
years

# Certificate of Participation

This is to certify that Mr. /Ms. /Mrs. /Dr. **T Aravinda babu** of **CBIT, Hyderabad** has attended a One Week Online Faculty Development Program on "**Research Opportunities in Image Processing and Machine Learning**", conducted by the Department of Electronics and Communication Engineering during **29<sup>th</sup> June to 03<sup>rd</sup> July 2020**.

**Dr. P. NARAHARI SASTRY**

CONVENOR

**Dr. D. KRISHNA REDDY**

Head, Department of ECE

**Dr. P. RAVINDER REDDY**

PRINCIPAL



**MAHATMA GANDHI INSTITUTE OF TECHNOLOGY**



(Sponsored by Chaitanya Bharathi Educational Society, Estd: 1997)

Accredited Six UG Programs 3 times by NBA and NAAC by 'A' Grade, Affiliated to JNTUH, Hyderabad



## **Certificate of Participation**

This is to certify that

T Aravinda babu,

Chaitanya Bharathi Institute of Technology

has participated in a Two-Day Online FDP on

**“Effective Technical Report Writing Using LaTeX”**

Organized by Department of Electronics and Communication  
Engineering, MGIT, Hyderabad during 8<sup>th</sup> -9<sup>th</sup> June 2020.

*(Dr. T R Vijaya Lakshmi)*

Dr.T R Vijaya Lakshmi  
Coordinator

*(Dr. Y Praveen Kumar Reddy)*

Dr.Y Praveen Kumar Reddy  
Coordinator

*(Dr. S P. Singh)*

Dr.S P. Singh  
HoD

*(Dr. K. Jaya Sankar)*

Dr.K. Jaya Sankar  
Principal



**Government College of Engineering, Karad**  
(An Autonomous Institute of Government of Maharashtra)  
Vidyanagar Karad Dist.-Satara Maharashtra, PIN- 415 124.

Website: [www.gcekarad.ac.in](http://www.gcekarad.ac.in) Email: [principal@gcekarad.ac.in](mailto:principal@gcekarad.ac.in)



AICTE-MARGDARSHAN SCHEME

## CERTIFICATE

This is to certify that **Mr. / Ms. / Dr. T ARAVINDA BABU of CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY** has attended one week online Faculty Development Program on **“OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE”** from 11-15 May 2020 under Margdarshan Scheme of AICTE, New Delhi.



Please scan the QR code for validation this certificate.

**Mr. K. K. Mate**  
Coordinator,  
PCCOER, Pune

**Dr. S. S. Mulik**  
Coordinator,  
RMDSSOE, Pune.

**Dr. U. V. Patil**  
Coordinator,  
GCE, Karad.

**Dr. S. P. Deshmukh**  
Convener,  
GCE, Karad.

**Dr. P.M. Joshi**  
Convener,  
GCE, Karad.

**Dr. A. T. Pise**  
Principal,  
GCE

Your Certificate No is : OBEGCEK-00417




## CERTIFICATE OF PARTICIPATION

This is to certify that Tummala Aravinda Babu from Chaitanya Bharathi Institute of Technology has successfully completed the Course of “Design and Implementation of DSP using Xilinx” from 04<sup>th</sup> May 2020 to 08<sup>th</sup> May 2020.

### DESIGN AND IMPLEMENTATION OF DSP USING XILINX

Organized by  
Research & Development Dept.  
TechFLUENT Solutions Pvt. Ltd.

Hyderabad

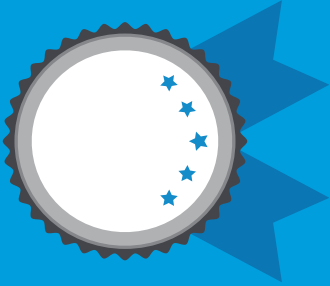


Instructor



Director





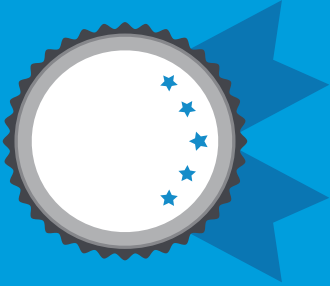
# CERTIFICATE OF PARTICIPATION

*This is to certify that T.Aravinda Babu of Chaitanya Bharathi Institute Of Technology*  
*has Successfully Participated in the online Training Program for Two Days from 25<sup>th</sup> &*  
*26<sup>th</sup> April 2020 on Android App Development for Embedded System under Texas*  
*Instruments University Program in association with EdGate Technologies Pvt Ltd*  
*Bangalore.*

*Praveen Kumar*

EdGate Technologies Pvt Ltd





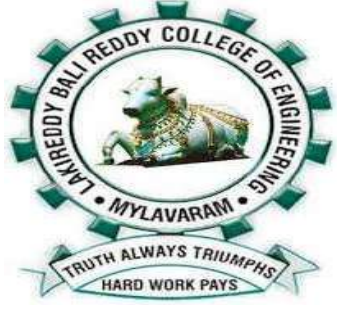
# CERTIFICATE OF PARTICIPATION

*This is to certify that T.Aravinda Babu of Chaitanya Bharathi institute of Technology has successfully participated in the Online Training Program for Three days from 17<sup>th</sup> to 19<sup>th</sup> April 2020 on Ultra Low Power System Design Under Texas Instruments University Program in association with EdGate Technologies Pvt Ltd Bangalore.*

*Praveen Kumar*

EdGate Technologies Pvt Ltd





**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
**(AUTONOMOUS)**

**Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)**

**Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada**  
**L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India**

## **CERTIFICATE OF PARTICIPATION**

**This is to certify that**

**Neeraja Bandi**

**from**

**Chaitanya Bharathi Institute of Technology**

has participated one week Online Faculty Development Programme (FDP) on "**Recent Trends in Advanced Communications**" organized by Department of Electronics and Communication Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna(Dt) from 04th-09th May, 2020.



*Y. Amar Babu*

**Convener**  
**Dr Y.Amar Babu,**  
**Head Of Department**

*A. K. Rao*

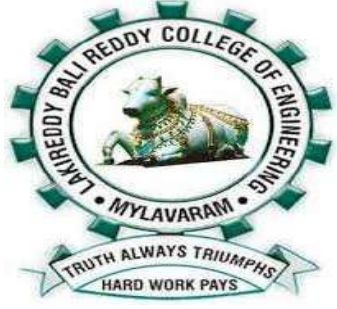
**Principal**  
**Dr K.Appa Rao**

**Online Faculty Development Programme**

**# Save Lives**

**# Stay Safe**

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**L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India**

## **CERTIFICATE OF PARTICIPATION**

**This is to certify that**

**D.SONY**

**from**

**Chaitanya Bharathi Institute of Technology**

has participated one week Online Faculty Development Programme (FDP) on "**Recent Trends in Advanced Communications**" organized by Department of Electronics and Communication Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna(Dt) from 04th-09th May, 2020.



*Y. Amar Babu*

**Convener**  
**Dr Y.Amar Babu,**  
**Head Of Department**

*A. K. Rao*

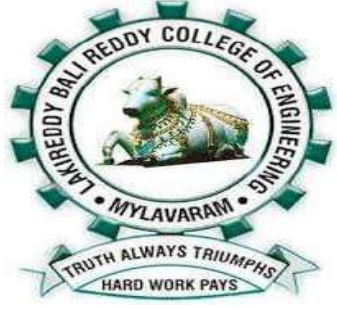
**Principal**  
**Dr K.Appa Rao**

**Online Faculty Development Programme**

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**Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada**  
**L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India**

## **CERTIFICATE OF PARTICIPATION**

**This is to certify that**

**Dr. Panyam Narahari Sastry**

**from**

**Chaitanya Bharathi Institute of Technology**

has participated one week Online Faculty Development Programme (FDP) on "**Recent Trends in Advanced Communications**" organized by Department of Electronics and Communication Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna(Dt) from 04th-09th May, 2020.



*Y. Amar Babu*

**Convener**  
**Dr Y.Amar Babu,**  
**Head Of Department**

*A. K. Rao*

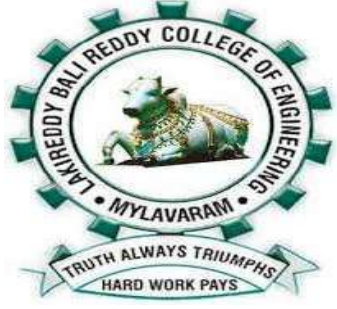
**Principal**  
**Dr K.Appa Rao**

**Online Faculty Development Programme**

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**L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India**

## **CERTIFICATE OF PARTICIPATION**

**This is to certify that**

**Dr.A.VANI**

**from**

**Chaitanya Bharathi Institute of Technology**

has participated one week Online Faculty Development Programme (FDP) on "**Recent Trends in Advanced Communications**" organized by Department of Electronics and Communication Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna(Dt) from 04th-09th May, 2020.



*Y. Amar Babu*

**Convener**  
**Dr Y.Amar Babu,**  
**Head Of Department**

*A. K. Rao*

**Principal**  
**Dr K.Appa Rao**

**Online Faculty Development Programme**

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COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

# 41

years

## CERTIFICATE OF PARTICIPATION

This is to Certify **Smt B.Neeraja** **Assistant Professor** of

**ECE** has Successfully completed a One Week

Faculty Development Program on "Outcome Based Education and NBA Accreditation Process- (UG)", during 28-05-2020

to 01-06-2020.

**Prof. K. RADHIKA**  
CONVENER

Head, IT Dept.

**Prof. M. SWAMY DAS**  
CONVENER

Joint Director (Academics)

**Prof. K. KRISHNAVENI**  
CONVENER

Director (Academics)

**Dr. P. RAVINDER REDDY**  
PRINCIPAL



**FDP (Online) on LaTeX & Technical Report Writing**  
Department of Mathematics  
Kakatiya University  
Warangal – 506 009  
Telangana



**E-Certificate**

This certificate is awarded to **Ms. NEERAJA BANDI, CBIT** who has participated and got through Test in **One Week (Online) Faculty Development Programme on LaTeX & Technical Report Writing, 25 - 30 May, 2020** organized by Department of Mathematics, Kakatiya University, Warangal, Telangana, in association with Spoken Tutorial, IIT Bombay.

**ID No.: KUFDP1819**

**Dr. K. Somaiah**  
Coordinator  
Kakatiya University

**Dr. L. P. Raj Kumar**  
Coordinator  
Kakatiya University

**Prof. K. Purushotham**  
Registrar  
Kakatiya University



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: NPTEL20BT17S1722533

To  
NEERAJA BANDI  
GANDIPET  
HYDERABAD  
TELANGANA-500075  
PH. NO :6309653729



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.



# NPTEL Online Certification

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



This certificate is awarded to

**NEERAJA BANDI**

for passing the course

**Fundamentals of Semiconductor Devices**

with Score\* **88** %

Covid-19  
impacted  
January 2020  
semester

**Prof. G. L. Sivakumar Babu**  
Chairman, Centre for Continuing Education  
IISc Bangalore

Jan-Apr 2020  
(12 week course)

**Prof. L. Umanand**  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore



\*Continuous online assessment score

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: NPTEL20GE11S1177231

To  
NEERAJA BANDI  
GANDIPET  
HYDERABAD  
TELANGANA-500075  
PH. NO :6309653729



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.



# NPTEL Online Certification

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



This certificate is awarded to

**NEERAJA BANDI**

for passing the course

**NBA Accreditation and Teaching - Learning  
in Engineering (NATE)**

with Score\* **96** %



**Prof. G. L. Sivakumar Babu**  
Chairman, Centre for Continuing Education  
IISc Bangalore

Jan-Apr 2020  
(12 week course)

**Prof. L. Umanand**  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore



\*Continuous online assessment score

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



05/02/2020

**Neeraja Bandi**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by deeplearning.ai and offered through  
Coursera

A handwritten signature in blue ink, appearing to read "Andrew Ng".

Adjunct Professor Andrew Ng  
Computer Science Department  
Stanford University

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/QCBB5WPV2WAS](https://coursera.org/verify/QCBB5WPV2WAS)  
Coursera has confirmed the identity of this individual and  
their participation in the course.



**YONSEI**  
UNIVERSITY

04/26/2020

**Neeraja Bandi**

has successfully completed

**Wireless Communications for Everybody**

an online non-credit course authorized by Yonsei University and offered through  
Coursera

*Thanghan Kim*

Kwang-Soon Kim, Seong-Lyun Kim, Chan-Byoung Chae, Dae-Sik Hong, Song-Kuk Kim  
School of Electrical & Electronic Engineering & Integrated Technology  
Yonsei University

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/35H2K3TB97GT](https://coursera.org/verify/35H2K3TB97GT)

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



05/14/2020

**Neeraja Bandi**

has successfully completed

**Introduction to Electronics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

*Bonnie H. Ferri*

Professor Bonnie H. Ferri  
School of Electrical and Computer Engineering  
Georgia Institute of Technology

*Robert Allen Robinson*

Dr. Allen Robinson  
School of Electrical and Computer Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/FT3K5BJXG973](https://coursera.org/verify/FT3K5BJXG973)

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



# Course Completion Certificate

Neeraja Bandi

has successfully completed 100% of the self-paced training course

MATLAB Onramp

A handwritten signature in black ink, appearing to read 'Rajesh Santosh', positioned above a horizontal line.

DIRECTOR, TRAINING SERVICES

19 May 2020

NI CUSTOMER EDUCATION

Online Course Completion

# **Bandi Neeraja**

**has successfully completed the following course:**

## **LabVIEW Core 1 (English, 2019)**

**on**

April 21, 2020

Alex Davern President and CEO National Instruments

NI CUSTOMER EDUCATION

Online Course Completion

# **Bandi Neeraja**

**has successfully completed the following course:**

## **LabVIEW Core 2 (English, 2019)**

**on** April 27, 2020

Alex Davern President and CEO National Instruments





MHRD'S  
INNOVATION CELL  
(GOVERNMENT OF INDIA)

*This is to certify that*

*Dr./Mr./Ms. Neeraja Bandi*

*of*

*CBIT*

*has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.*

Shri. Dipan Sahu  
National Coordinator, IIC  
MHRDs Innovation Cell

Dr. Mohit Gambhir  
Innovation Director  
MHRDs Innovation Cell

Dr. Abhay Jere  
Chief Innovation Officer  
MHRDs Innovation Cell

Certificate no : 7411  
Date : 2020-07-07



Scan to verify

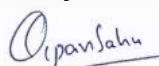
*\*The e-Sessions attended by the participant is listed in Annexure*

## *Annexure*

### *List of e-Sessions Attended by the Participants as below*

- 1 - Session 1: *National Innovation and Startup Policy for Students and Faculty 2019 - A Guiding Framework for HEIs for Implementation*
- 2 - Session 2: *Role and Importance of Pre-Incubators, Incubators and Accelerators in HEIs - Harnessing Innovation and Entrepreneurial Potential of Students and Faculties at Early Stage*
- 3 - Session 3: *Hangout with Emerging Innovator & Entrepreneurs Supported through MIC & AICTE*
- 4 - Session 4: *Role of Network Enablers in driving I&E in HEIs - A Case of TiE, India*
- 5 - Session 5: *Hangout with Successful Startup Founder*
- 6 - Session 6: *Entrepreneurship, Business Idea and Business Model Canavas*
- 7 - Session 7: *How to Identify Right Problem and Solution using the Double Diamond Approach in Design*
- 8 - Session 8: *Intellectual Property (IP) Management at Early Stage of Innovation and Start-ups*
- 9 - Session 9: *Understanding Angel and Venture Capital Funding - What is there for Early Stage innovator & Entrepreneurs*
- 10 - Session 10: *Legal and Ethical Steps - Productive Entrepreneurship and Startup*
- 11 - Session 11: *Innovating Self- Screen and Identify right opportunities*
- 12 - Session 12: *Understanding Role and Application of Marketing Research at Idea to Start up Stage - Foundation Level*
- 13 - Session 13: *Innovation Risk Diagnostic "ae" Product Innovation Rubric(PIR)*
- 14 - Session 14: *Idea, Entrepreneurship Opportunities, Business Model and Business Plan*
- 15 - Session 15: *Use of Market Data and Application of Marketing Research Tools and Methodology - Increasing Chances of Survivality of Innovation and Venture - Advance Level*
- 16 - Session 16: *Frugal Innovations and Social Entrepreneurship*
- 17 - Session 17: *Interaction with Student Innovators and Entrepreneurs Emerged from Smart India Hackathon (SIH)*

Total no of sessions attended: 17  
Certificate no : 7411  
Date : 2020-07-07

  
Shri. Dipan Sahu  
National Coordinator, IIC  
MHRD's Innovation Cell



Scan to verify



**GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE & P.G. COURSES (A)**

Rushikonda, Visakhapatnam | website: [www.gvpdpgc.edu.in](http://www.gvpdpgc.edu.in)

(Approved by A.I.C.T.E. | Affiliated to Andhra University | Accredited by NAAC | ISO 9001:2015)

**ENGINEERING & TECHNOLOGY PROGRAM**



Altair

Channel Partner

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**(PROGRAM ACCREDITED BY NBA)**

## *CERTIFICATE OF PARTICIPATION*

This is to certify that Mrs. NEERAJA BANDI of CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY has participated in the webinar on “Computational Electromagnetic techniques for different RF Microwave and Millimeter-wave Application” held on 25.05.2020.

**Dr. S. Krishna Veni,**  
Head of the Department,  
Department of ECE.



**Dr. S. Raja,**  
Director,  
Engineering & Technology  
Program.



**Rai University**  
EVOLVING THINKING MINDS  
A LEADING RESEARCH DRIVEN UNIVERSITY



Industry Partner

# CERTIFICATE OF PARTICIPATION

This is to certify that

**Neerajs Bandi**

has successfully Participated in Webinar Organized by Internal Quality Assurance Cell (IQAC)  
Rai University, Ahmedabad, Gujarat-India.

on

held on June 04, 2020

## **HOW TO PUBLISH RESEARCH ARTICLE IN SCI JOURNALS USING INFO-GRAPHIC TOOLS**

**Dr. Anil Tomar**

Provost,  
Rai University, Ahmedabad.

**Prof. Veerendra Singh Nagoria**

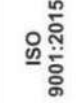
Dy. Registrar,  
Rai University, Ahmedabad.

**Dr. Sailesh Iyer**

Associate Professor, Dept. of CSE/IT  
Rai University, Ahmedabad.



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**  
Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. [www.cbti.ac.in](http://www.cbti.ac.in)



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**41** years

# Certificate of Participation

This is to certify that Mr. /Ms. /Mrs. /Dr. **Dr. K. Suman** of **Chaitanya Bharati Institute of**

**Technology, Hyderabad** has attended a One Week Online Faculty Development Program on

**"Research Opportunities in Image Processing and Machine Learning"**, conducted by the

Department of Electronics and Communication Engineering during **29<sup>th</sup> June to 03<sup>rd</sup> July**

**2020.**

**Dr. P. NARAHARI SASTRY**

CONVENOR

**Dr. D. KRISHNA REDDY**

Head, Department of ECE

**Dr. P. RAVINDER REDDY**

PRINCIPAL

# CERTIFICATE OF PARTICIPATION




THIS CERTIFICATE IS PRESENTED TO

*Mr. G. Mallikharjuna Rao*

for participating in

**Webinar on Data Science**

held on 26<sup>th</sup> August, 2020

  
Coempt Eduteck

  
YottaPi



CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)

Kokapudi(Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in



ISO  
9001:2015

COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

41  
years

Organizing  
A One Week Online Faculty Development Program

on

**“OUTCOME BASED EDUCATION AND NBA ACCREDITATION  
PROCESS - (UG)”**

28<sup>th</sup> May, 2020 - 01<sup>st</sup> June, 2020

Resource Person:

Dr. S. Viswanadha Raju

Professor, CSE Dept., JNTUHC(E)

☞ No Registration Fee

☞ Use the following Link for Registration:

<https://tinyurl.com/CBIT-OBE-NBA-UG>

# Certificate of Participation

This is to certify that

**G Mallikharjuna Rao**  
of  
**CBIT**

has successfully completed the Online certification skill development program on

**Digital System Design with Verilog and Vivado**

held from 11th May to 15th May 2020, by

**Sandeepani School of Embedded System Design, Bangalore.**

**XILINX**  
Authorized Training Provider

*Sadiya*

**Ms. Sadiya Arshad**

Director Education and Skill Development





सत्यमेव जयते  
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES  
GOVERNMENT OF INDIA

## MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

Ministry of Micro, Small & Medium Enterprises

Government of India Organization

Foundry Nagar, Agra-282 006 (U.P.)

# प्रमाणपत्र Certificate

*This is to certify that*

**MR. MALLIKHARJUNA RAO G**

*has successfully completed online training*

on

## INTERNET OF THINGS

*from 27.04.2020 to 01.05.2020*

DATE : May 3, 2020

PLACE : AGRA



**R.PANNEERSELVAM**  
PRINCIPAL DIRECTOR

No. PPDC/Trg./OSP/2020-21/320



# CERTIFICATE OF PARTICIPATION

*This is to certify that G Mallikharjuna Rao of Chaitanya Bharathi institute of Technology, Hyderabad has successfully participated in the Online Training Program for Three days from 17<sup>th</sup> to 19<sup>th</sup> April 2020 on Ultra Low Power System Design Under Texas Instruments University Program in association with EdGate Technologies Pvt Ltd Bangalore.*

*Mammet Varun*

EdGate Technologies Pvt Ltd



# Certificate of Participation

*This is to certify that*

**G. Mallikharjuna Rao**  
of

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY**

*has successfully completed the Online certification program on*

***Designing FPGA's Using the Vivado Design Suite***

*held from 8th June to 10th June 2020, by*

***Sandeepani School of Embedded System Design, Bangalore.***



## CERTIFICATE OF PARTICIPATION

This is to certify that G MALLIKHARJUNA RAO from Chaitanya Bharathi Institute of Technology completed the Course of “Working on Arduino UNO /Raspberry PI & Interfacing with LabVIEW” from 04<sup>th</sup> JUNE 2020 to 07<sup>th</sup> JUNE 2020.

**Working on Arduino UNO /Raspberry PI & Interfacing with LabVIEW**

Organized by  
Research & Development Dept.  
TechFLUENT Solutions Pvt. Ltd.

Hyderabad

Instructor

Director



**D Y PATIL**  
DEEMED TO BE  
UNIVERSITY  
— RAMRAO ADIK —  
INSTITUTE OF TECHNOLOGY  
NAVI MUMBAI

**DesignTech**  
Technology for designing the future



5-Days Online STTP on

*MATLAB based Teaching-Learning in  
Mathematics, Science & Engineering*

## **Certificate of Participation**

This is to certify that **Mr. G MALLIKHARJUNA RAO** from **Chaitanya Bharathi Institute of Technology** has successfully completed the online Short Term Training Program on **“MATLAB based Teaching-Learning in Mathematics, Science & Engineering”**.

This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18<sup>th</sup> to 22<sup>nd</sup> May 2020.

**Mr. M M Zafar**  
National Technical Manager,  
Designtech Systems Pvt Ltd.

**Dr. Prasiddh Trivedi**  
STTP Convenor

**Dr Vishwesh A. Vyawahare**  
Head, Electronics Engg., RAIT

**Dr. Mukesh D. Patil**  
Principal, RAIT





CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)  
Kotapalli (Village), Gandipet, Hyderabad, Telangana-500075 www.cbti.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

41  
years

## CERTIFICATE OF PARTICIPATION

This is to Certify Mr. /Ms. /Mrs. /Dr. \_\_\_\_\_

G. MALLIKHARJUNA RAO

of

\_\_\_\_\_ Chaitanya Bharathi Institute of Technology \_\_\_\_\_

has participated in webinar on

"Publishing Research Articles in Scopus Indexed Journals" conducted by CBIT - School of Management Studies on 24<sup>th</sup>

June, 2020.

Dr. S. SARASWATHI  
CONVENER

Dr. P. RAVINDER REDDY  
PRINCIPAL

# Certificate of Participation

**G.MALLIKHARJUNA RAO**

Mr / Ms

has participated in Mentor Webinar on **Physical design in VLSI and Challenges**  
held on **12<sup>th</sup> June 2020** in association with **CoreEL Technologies and Mentor.**



**Ms. Sadiya Arshad**

Director Education and Skill Development

DSIS - 04084



**D Y PATIL**  
DEEMED TO BE  
**UNIVERSITY**  
— RAMRAO ADIK —  
INSTITUTE OF TECHNOLOGY  
NAVI MUMBAI



**FINDABILITY**  
SCIENCES

# Ramrao Adik Institute of Technology

Nerul, Navi Mumbai, Maharashtra

# CERTIFICATE OF PARTICIPATION



This is to certify that Mr./Ms. Pradeep Kumar G V

has successfully completed the 5 days Online Short Term Training Program on

**“RECENT TRENDS IN DATA SCIENCE AND INFORMATION SECURITY”**

organized by the *Department of Computer Engineering* during 22<sup>nd</sup> June to 26<sup>th</sup>

June 2020.

Dr. Leena Ragha  
Head of Department,  
Computer  
Engineering, RAIT

Dr. Mukesh D. Patil  
Principal, RAIT





**DY PATIL**  
DEDICATED TO  
UNIVERSITY  
—RAMRAO ADIK—  
INSTITUTE OF TECHNOLOGY  
NAVI MUMBAI

**RAMRAO ADIK INSTITUTE OF TECHNOLOGY, NERUL, NAVI MUMBAI**  
**DEPARTMENT OF INSTRUMENTATION ENGINEERING**  
**AND**  
**B & R AUTOMATION PVT LTD, PUNE**



# CERTIFICATE OF COMPLETION



THIS IS TO CERTIFY THAT,

MR./MS. Pradeep Kumar G V

HAS SUCCESSFULLY COMPLETED THE 5 DAY ONLINE SHORT TERM  
TRAINING PROGRAM ON **“INTERNET OF THINGS (IOT) & IT’S  
APPLICATIONS IN INDUSTRY”** JOINTLY ORGANIZED BY THE  
DEPARTMENT OF INSTRUMENTATION ENGINEERING, RAMRAO ADIK  
INSTITUTE OF TECHNOLOGY, NAVI MUMBAI AND B&R AUTOMATION  
PVT. LTD. PUNE FROM **JUNE 8-12, 2020.**

MR. TANMAY SHARMA  
EDUCATION NETWORK,  
B & R AUTOMATION PVT LTD

DR. SHARAD P. JADHAV  
CONVENOR,  
HEAD, INSTRUMENTATION ENGG.

DR. MUKESH D. PATIL  
PRINCIPAL  
R.A.I.T



**D Y PATIL**  
DEEMED TO BE  
UNIVERSITY  
— RAMRAO ADIK —  
INSTITUTE OF TECHNOLOGY  
NAVI MUMBAI

**DesignTech**  
Technology for designing the future



5-Days Online STTP on

*MATLAB based Teaching-Learning in  
Mathematics, Science & Engineering*

## Certificate of Participation

This is to certify that **Mr. Pradeep Kumar G V** from **Chaitanya Bharathi Institute of Technology (A)** has successfully completed the online Short Term Training Program on **“MATLAB based Teaching-Learning in Mathematics, Science & Engineering”**.

This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18<sup>th</sup> to 22<sup>nd</sup> May 2020.

**Mr. M M Zafar**  
National Technical Manager,  
DesignTech Systems Pvt Ltd.

**Dr. Prasiddh Trivedi**  
STTP Convenor

**Dr Vishwesh A. Vyawahare**  
Head, Electronics Engg., RAIT

**Dr. Mukesh D. Patil**  
Principal, RAIT





Government of India  
Ministry of Human Resource  
Development

*Teaching Learning Centre  
Ramanujan College  
University of Delhi*

Sponsored by

MINISTRY OF HUMAN RESOURCE DEVELOPMENT  
PANDIT MADAN MOHAN MALAVIYA  
NATIONAL MISSION ON TEACHERS AND TEACHING

*Certificate*

*This is to certify that*

**Pradeep Kumar G V**

*of*

Electronics and Communication Engineering, Chaitanya  
Bharathi Institute of Technology (A), Hyderabad

successfully completed One Week Faculty Development Programme on

*"Entrepreneurship, Incubation and Innovation"*

*from June 23 - June 29, 2020.*



**Dr. S.P. AGGARWAL**  
(Principal)

**Dr. Mohinder Paul**  
(Convenor)



Government of India  
Ministry of Human Resource  
Development

*Teaching Learning Centre  
Ramanujan College  
University of Delhi*

Sponsored by

MINISTRY OF HUMAN RESOURCE DEVELOPMENT  
PANDIT MADAN MOHAN MALAVIYA  
NATIONAL MISSION ON TEACHERS AND TEACHING

*Certificate*

*This is to certify that*

**Mr. Pradeep Kumar G V**

*of*

Chaitanya Bharathi Institute of Technology (A)

has successfully completed One Week Faculty Development Programme on  
*"Open Source Tools for Research" from June 08 - June 14, 2020.*



**Dr. S.P. AGGARWAL**  
(Principal)

**Mr. Sahil Pathak**  
(Convenor)



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**  
Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbti.ac.in



ISO  
9001:2015

COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

# 41

years

## CERTIFICATE OF PARTICIPATION

This is to Certify **Sri G.V.Pradeep Kumar**, **Assistant Professor** of

**ECE** has Successfully completed a One Week

Faculty Development Program on "Outcome Based Education and NBA Accreditation Process- (UG)", during 28-05-2020

to 01-06-2020.

**Prof. K. RADHIKA**  
CONVENER

Head, IT Dept.

**Prof. K. KRISHNAVENI**  
CONVENER

Director (Academics)

**Dr. P. RAVINDER REDDY**  
PRINCIPAL

# Certificate of Completion

This is to certify that

**Pradeep Kumar G V**

from Chaitanya Bharathi Institute of Technology, Hyderabad  
successfully completed the

**The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop**

on **20 June 2020**

He/She has attended the interaction session and successfully completed both pre and post workshop online activities, involving 3 days of video lectures and hands-on work.

This training was organised by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT), MHRD, Govt. of India



**Prof. Kannan Moudgalya**  
Project Coordinator, Teaching  
Learning Centre (ICT),  
PMMNMTT, IIT Bombay



**Prof. Bhaskaran Raman**  
Course Instructor,  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Kameswari Chebrolu**  
Course Instructor,  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Varsha Apte**  
Course Instructor,  
Department of Comp.Sci and Engg.,  
IIT Bombay



**NATIONAL MISSION ON  
TEACHERS AND TEACHING**



This training was made possible with help from Spoken Tutorial and FOSSEE Projects at IIT Bombay. These Projects are funded by the National Mission on Education through ICT, MHRD, Govt. of India.

For details and verification,  
scan the QR code

# Certificate of Completion

This is to certify that

**Pradeep Kumar G V**

from their Home, through IIT Bombay BodhiTree platform  
successfully completed the

**'Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop'**  
on **17 May 2020**

He/She has attended the interaction session and successfully completed both pre and post workshop online activities,  
involving 3 days of video lectures and hands-on work.

This training was organised by the Teaching Learning Centre (ICT) at IIT Bombay,  
funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India



**Prof. Kannan Moudgalya**  
Project Coordinator, Teaching  
Learning Centre (ICT),  
PMMMNMTT, IIT Bombay



**Prof. Bhaskaran Raman**  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Kameswari Chebrolu**  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Varsha Apte**  
Department of Comp.Sci and Engg.,  
IIT Bombay



**NATIONAL MISSION ON  
TEACHERS AND TEACHING**



This training was made possible with help from Spoken Tutorial and FOSSEE Projects at IIT Bombay.  
These Projects are funded by the National Mission on Education through ICT, MHRD, Govt. of India.

For details and verification,  
scan the QR code



MHRD'S  
INNOVATION CELL  
(GOVERNMENT OF INDIA)

*This is to certify that*

*Dr./Mr./Ms. G V Pradeep Kumar*

*of*

*Chaitanya Bharathi Institute of Technology (A)*

*has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.*

*Shri. Dipan Sahu*  
*National Coordinator, IIC*  
*MHRDs Innovation Cell*

*Dr. Mohit Gambhir*  
*Innovation Director*  
*MHRDs Innovation Cell*

*Dr. Abhay Jere*  
*Chief Innovation Officer*  
*MHRDs Innovation Cell*

Certificate no : 18673  
Date : 2020-07-07



Scan to verify

*\*The e-Sessions attended by the participant is listed in Annexure*



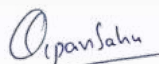
## *Annexure*

### *List of e-Sessions Attended by the Participants as below*

- 1 - Session 2: *Role and Importance of Pre-Incubators, Incubators and Accelerators in HEIs - Harnessing Innovation and Entrepreneurial Potential of Students and Faculties at Early Stage*
- 2 - Session 3: *Hangout with Emerging Innovator & Entrepreneurs Supported through MIC & AICTE*
- 3 - Session 4: *Role of Network Enablers in driving I&E in HEIs - A Case of TiE, India*
- 4 - Session 5: *Hangout with Successful Startup Founder*
- 5 - Session 6: *Entrepreneurship, Business Idea and Business Model Canavas*
- 6 - Session 7: *How to Identify Right Problem and Solution using the Double Diamond Approach in Design*
- 7 - Session 8: *Intellectual Property (IP) Management at Early Stage of Innovation and Start-ups*
- 8 - Session 9: *Understanding Angel and Venture Capital Funding - What is there for Early Stage innovator & Entrepreneurs*
- 9 - Session 10: *Legal and Ethical Steps - Productive Entrepreneurship and Startup*
- 10 - Session 11: *Innovating Self- Screen and Identify right opportunities*
- 11 - Session 12: *Understanding Role and Application of Marketing Research at Idea to Start up Stage - Foundation Level*
- 12 - Session 13: *Innovation Risk Diagnostic "æ" Product Innovation Rubric(PIR)*
- 13 - Session 14: *Idea, Entrepreneurship Opportunities, Business Model and Business Plan*
- 14 - Session 15: *Use of Market Data and Application of Marketing Research Tools and Methodology - Increasing Chances of Survivality of Innovation and Venture - Advance Level*
- 15 - Session 16: *Frugal Innovations and Social Entrepreneurship*
- 16 - Session 17: *Interaction with Student Innovators and Entrepreneurs Emerged from Smart India Hackathon (SIH)*

*Total no of sessions attended: 16*

Certificate no : 18673  
Date : 2020-07-07

  
Shri. Dipan Sahu  
National Coordinator, IIC  
MHRD's Innovation Cell



Scan to verify



"Techno-Social Excellence"

Marathwada Mitramandal's

**INSTITUTE OF TECHNOLOGY (MMIT),**

Lohgaon, Pune 411047



Approved By AICTE, New Delhi, Affiliated to SPPU, Pune,

## CERTIFICATE OF APPRECIATION

THIS CERTIFICATE IS PROUDLY AWARDED TO

***Pradeep Kumar G V***

for successful completion of "NAAC Awareness Programme for Faculty" organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune - 47 conducted online during the period 08/05/2020 to 14/05/2020.

COVID-19: STAY HOME, STAY SAFE



MMIT, Lohgaon,  
Pune

DR. R. V. BHORTAKE  
PRINCIPAL

This certificate is awarded to

**Sri G. V. Pradeep Kumar**  
Chaitanya Bharathi Institute of Technology, Hyderabad

for successfully completing the 2 week course on

**Digital Transformation In  
Teaching Learning Process**

(February 14th to March 6th, 2020)



Prof. P M Khodke  
Central Project Advisor  
NPIU, TEQIP III



Prof. Sridhar Iyer  
Instructor  
IDP-ET, IIT Bombay



Dr. Sameer Sahasrabudhe  
Instructor  
IDP-ET, IIT Bombay

06/13/2020

**PRADEEP KUMAR G V**

has successfully completed

**Introduction and Programming with IoT Boards**

an online non-credit course authorized by Pohang University of Science and Technology and offered through Coursera



Professor, Dept. of Computer Science and Engineering  
Dean, Graduate School of Information Technology  
Pohang University of Science and Technology  
Republic of Korea

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/AA7B8B49V2PC](https://coursera.org/verify/AA7B8B49V2PC)

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

**UC San Diego**



**HIGHER SCHOOL OF ECONOMICS**  
NATIONAL RESEARCH UNIVERSITY

06/07/2020

**PRADEEP KUMAR G V**

has successfully completed

**Number Theory and Cryptography**

an online non-credit course authorized by University of California San Diego and National Research University Higher School of Economics and offered through Coursera

Alexander S. Kulikov, Visiting Professor, Department of Computer Science and Engineering;  
Michael Levin, Associate Professor, Computer Science;  
Vladimir Podolskii, Associate Professor, Computer Science

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/SE9R5VB96CNB](https://coursera.org/verify/SE9R5VB96CNB)  
Coursera has confirmed the identity of this individual and their participation in the course.



06/06/2020

**PRADEEP KUMAR G V**

has successfully completed

**Cybersecurity and the Internet of Things**

an online non-credit course authorized by University System of Georgia and offered through Coursera

*Traci Carte* *Herbert J. Mattord* *Ph.D.* *CISM* *CISSP* *Mr. Andy Green*

Dr. Traci Carte, Dr. Humayun Zafar, Herbert J. Mattord, Ph.D., CISM, CISSP, CDP, Mr. Andy Green  
Information Systems  
University System of Georgia

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/4DAETZBBZBZ4](https://coursera.org/verify/4DAETZBBZBZ4)  
Coursera has confirmed the identity of this individual and their participation in the course.



06/06/2020

**PRADEEP KUMAR G V**

has successfully completed

**Building Arduino robots and devices**

an online non-credit course authorized by Moscow Institute of Physics and Technology and offered through Coursera

Алексей Перепёлкин  
Руководитель направления развития цифрового творчества старший преподаватель  
ЦИОТ МФТИ

Дмитрий Савицкий  
Руководитель направления развития цифрового творчества старший преподаватель  
ЛИОТ МФТИ

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/V32YKQSYAKKB](https://coursera.org/verify/V32YKQSYAKKB)  
Coursera has confirmed the identity of this individual and their participation in the course.



05/23/2020

**PRADEEP KUMAR G V**

has successfully completed

**Exploratory Data Analysis with MATLAB**

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

*MathWorks Training*

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/TRGLNF6AMV5Y](https://coursera.org/verify/TRGLNF6AMV5Y)  
Coursera has confirmed the identity of this individual and  
their participation in the course.





The Interstate Postgraduate Medical Association (IPMA) certifies that the individual has participated in the enduring activity COVID-19: What You Need to Know on the date below and is awarded 2.0 AMA PRA Category 1 Credit(s)™.

05/22/2020

# PRADEEP KUMAR G V

has successfully completed

## COVID-19: What You Need to Know (CME Eligible)

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

*Rishi Desai MD, MPH*

Rishi Desai, MD, MPH  
Chief Medical Officer, Osmosis  
Infectious Disease Physician

*Mary Ales*

Mary Ales  
Executive Director  
IPMA

# COURSE CERTIFICATE



Verify at [coursera.org/verify/M98UgWNIQ5LU](https://coursera.org/verify/M98UgWNIQ5LU)

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

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Interstate Postgraduate Medical Association (IPMA) and Osmosis. The IPMA is accredited by the ACCME to provide continuing medical education for physicians.



05/15/2020

**PRADEEP KUMAR G V**

has successfully completed

**Internet History, Technology, and Security**

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'Charles', written over a horizontal dotted line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/859PEPVP8TLC](https://coursera.org/verify/859PEPVP8TLC)

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



05/15/2020

**PRADEEP KUMAR G V**

has successfully completed

**Introduction to Electronics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

*Bonnie H. Ferri*

Professor Bonnie H. Ferri  
School of Electrical and Computer Engineering  
Georgia Institute of Technology

*Robert Allen Robinson*

Dr. Allen Robinson  
School of Electrical and Computer Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/C9S4DAKLE4L8](https://coursera.org/verify/C9S4DAKLE4L8)  
Coursera has confirmed the identity of this individual and their participation in the course.



**YONSEI**  
UNIVERSITY

05/14/2020

**PRADEEP KUMAR G V**

has successfully completed

**Introduction to TCP/IP**

an online non-credit course authorized by Yonsei University and offered through  
Coursera

Jong-Moon Chung  
Professor, School of Electrical & Electronic Engineering  
Director, Communications & Networking Laboratory

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/FWXFKGEQJZ8Q](https://coursera.org/verify/FWXFKGEQJZ8Q)  
Coursera has confirmed the identity of this individual and  
their participation in the course.



05/12/2020

**PRADEEP KUMAR G V**

has successfully completed

**The Bits and Bytes of Computer Networking**

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

**Google**

.....  
Google

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/7JANLRVU37X5](https://coursera.org/verify/7JANLRVU37X5)

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



University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/12/2020

**PRADEEP KUMAR G V**

has successfully completed

**TCP/IP and Advanced Topics**

an online non-credit course authorized by University of Colorado System and offered through Coursera

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/DUB26W9AC96S](https://coursera.org/verify/DUB26W9AC96S)  
Coursera has confirmed the identity of this individual and their participation in the course.



University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/12/2020

**PRADEEP KUMAR G V**

has successfully completed

**Peer-to-Peer Protocols and Local Area Networks**  
an online non-credit course authorized by University of Colorado System and offered through Coursera

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/2U37BXKR4JSM](https://coursera.org/verify/2U37BXKR4JSM)  
Coursera has confirmed the identity of this individual and their participation in the course.



University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/11/2020

**PRADEEP KUMAR G V**

has successfully completed

**Packet Switching Networks and Algorithms**

an online non-credit course authorized by University of Colorado System and offered through Coursera

*Xiaobo Zhou*

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/3HPMREVLNGMG](https://coursera.org/verify/3HPMREVLNGMG)  
Coursera has confirmed the identity of this individual and their participation in the course.





University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/11/2020

**PRADEEP KUMAR G V**

has successfully completed

**Fundamentals of Network Communication**

an online non-credit course authorized by University of Colorado System and offered through Coursera

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/V2TTCY5BGE2H](https://coursera.org/verify/V2TTCY5BGE2H)  
Coursera has confirmed the identity of this individual and their participation in the course.



05/10/2020

**PRADEEP KUMAR G V**

has successfully completed

**Introduction to Satellite Communications**

an online non-credit course authorized by Institut Mines-Télécom and offered through  
Coursera

Philippe Jamet  
Executive President  
IMT

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/S2AD3USKF8RB](https://coursera.org/verify/S2AD3USKF8RB)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

05/09/2020

**PRADEEP KUMAR G V**

has successfully completed

**Interfacing with the Raspberry Pi**

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



Ian Harris  
Professor  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/3RBK4XSQPH7W](https://coursera.org/verify/3RBK4XSQPH7W)  
Coursera has confirmed the identity of this individual and their participation in the course.



**YONSEI**  
**UNIVERSITY**

05/08/2020

**PRADEEP KUMAR G V**

has successfully completed

**Wireless Communications for Everybody**

an online non-credit course authorized by Yonsei University and offered through  
Coursera

*Thanghan Kim*

Kwang-Soon Kim, Seong-Lyun Kim, Chan-Byoung Chae, Dae-Sik Hong, Song-Kuk Kim  
School of Electrical & Electronic Engineering & Integrated Technology  
Yonsei University

**COURSE**  
**CERTIFICATE**



Verify at [coursera.org/verify/N9BZZRET93JM](https://coursera.org/verify/N9BZZRET93JM)

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

**UCI** University of  
California, Irvine

05/07/2020

**PRADEEP KUMAR G V**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

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



Ian Harris  
Professor  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/T2USCJHE9QMZ](https://coursera.org/verify/T2USCJHE9QMZ)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

05/05/2020

**PRADEEP KUMAR G V**

has successfully completed

**Interfacing with the Arduino**

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

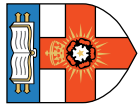


Ian Harris  
Professor  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/AQJ2PL5KEZPV](https://coursera.org/verify/AQJ2PL5KEZPV)  
Coursera has confirmed the identity of this individual and their participation in the course.



**UNIVERSITY  
OF LONDON**

05/03/2020

**PRADEEP KUMAR G V**

has successfully completed

**Machine Learning for All**

an online non-credit course authorized by University of London and offered through  
Coursera

Dr Marco Gillies  
Computing Department,  
Goldsmiths, University of London

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/CQK6HW93KK7S](https://coursera.org/verify/CQK6HW93KK7S)  
Coursera has confirmed the identity of this individual and  
their participation in the course.



05/03/2020

**PRADEEP KUMAR G V**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'Charles', written over a horizontal dotted line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/ZK8QMND9K3RY](https://coursera.org/verify/ZK8QMND9K3RY)  
Coursera has confirmed the identity of this individual and  
their participation in the course.





04/30/2020

**PRADEEP KUMAR G V**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by deeplearning.ai and offered through  
Coursera

A handwritten signature in blue ink, appearing to read "Andrew Ng".

Adjunct Professor Andrew Ng  
Computer Science Department  
Stanford University

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/5YUCBBNZZC3M6](https://coursera.org/verify/5YUCBBNZZC3M6)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

04/24/2020

**PRADEEP KUMAR G V**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera

*Alkos Ledeczki*

Alkos Ledeczki  
Professor  
Computer Engineering

*Mike Fitzpatrick*

Mike Fitzpatrick  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Neurosurgery, and Radiology

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/JUFUMFD7U63E](https://coursera.org/verify/JUFUMFD7U63E)

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



University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

04/24/2020

**PRADEEP KUMAR G V**

has successfully completed

**Classical Cryptosystems and Core Concepts**

an online non-credit course authorized by University of Colorado System and offered through Coursera

William Bahn, Richard White, Sang-Yoon Chang

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/XYJMU5MBK6EV](https://coursera.org/verify/XYJMU5MBK6EV)  
Coursera has confirmed the identity of this individual and their participation in the course.



## Certificate of Participation

This is to certify that

**Pradeep Kumar G V**

from Chaitanya Bharathi Institute o has

Successfully attended the India First Leadership Talk webinar

with Prof D. P. Singh, Chairman UGC

Broadcasted on 9th May, 2020 by MHRD's Innovation Cell.

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





## Certificate of Participation

This is to certify that

**PRADEEP KUMAR G V**



from Chaitanya Bharathi Institute Of Technology (A), Hyderabad has  
Successfully attended Leadership Talk

With Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief  
Innovation Officer MHRD Innovation Cell, Saturday, 16th May 2020 at 01.00 PM  
by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





## Certificate of Participation

This is to certify that

**PRADEEP KUMAR G V**



from Chaitanya Bharathi Institute Of Technology (A), Hyderabad has  
Successfully attended Leadership talk With Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd.  
India's First Leadership Talk Series Session with Mr Mahesh Babu CEO Mahindra Electric Mobility  
Ltd.

by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





MHRD



MHRD'S  
INNOVATION CELL  
(GOVERNMENT OF INDIA)



## Certificate of Participation

This is to certify that

**PRADEEP KUMAR G V**



from Chaitanya Bharathi Institute Of Technology (A), Hyderabad has  
Successfully attended Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History)  
held on 30th May  
Dr. Abhay Jere (Chief Innovation Officer- MHRD Innovation Cell, Govt. of India) Hosting Live session  
of Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History)  
by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





MHRD



MHRD'S  
INNOVATION CELL  
(GOVERNMENT OF INDIA)



## Certificate of Participation

This is to certify that

**PRADEEP KUMAR G V**



from Chaitanya Bharathi Institute Of Technology (A), Hyderabad has  
Successfully attended Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant  
Design) held on 6th Jun  
by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell







## Certificate of Participation

This is to certify that

**PRADEEP KUMAR G V**



from Chaitanya Bharathi Institute Of Technology (A), Hyderabad has  
Successfully attended Leadership Talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social  
Justice & Empowerment) held on 13th Jun  
by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





MHRD



MHRD'S  
INNOVATION CELL  
(GOVERNMENT OF INDIA)



## Certificate of Participation

This is to certify that

**PRADEEP KUMAR G V**



from Chaitanya Bharathi Institute Of Technology (A), Hyderabad has  
Successfully attended Leadership Talk with Mr. Shridhar Venkat, CEO (Akshay Patra Foundation)  
held on 20th Jun  
by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





## Certificate of Participation

This is to certify that

**PRADEEP KUMAR G V**

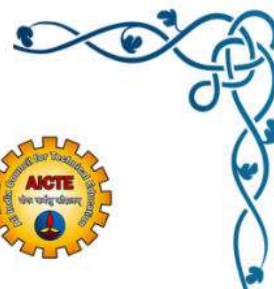


from Chaitanya Bharathi Institute Of Technology (A), Hyderabad has  
Successfully attended Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker) held on  
27th Jun  
by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





## Certificate of Participation

This is to certify that

**Pradeep Kumar G V**

from Chaitanya Bharathi Institute o has

Successfully attended the India's First Leadership Talk

with Shri Shashi Shekhar (CEO- Prasar Bharti)

Held on 11 July, 2020 by MHRD's Innovation Cell.

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





# G. PULLA REDDY ENGINEERING COLLEGE (Autonomous)

(Accredited by NBA of AICTE and NAAC (A+) of UGC & Affiliated to JNTUA, Ananthapuramu)  
Kurnool- 518007, Andhra Pradesh, India

## Certificate of Participation

This is to certify that

**Pedada Chandra Sekhar, Assistant Professor of  
CBIT(A)**

has participated in the webinar on “*Present Trends and Research scopes in 5G Wireless Communications*” conducted by the Department of Electronics and Communication Engineering, GPREC, Kurnool on 27<sup>th</sup> and 28<sup>th</sup> June, 2020.

**Dr.M.V.R.Vittal**  
(Coordinator)

**Dr. S. Nagaraja Rao**  
(Professor & HOD of ECE)

**Dr. B. Sreenivasa Reddy**  
(Principal, GPREC, Kurnool)

# Certificate of Participation

**Pedada Chandra Sekhar**

has participated in Xilinx Webinar on

**Block Level Design Using IP Integrator in Xilinx Vivado**

held on 26th June 2020

in association with **CoreEL Technologies and Xilinx**



**Ms. Sadiya Arshad**

Director Education and Skill Development



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**

Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. www.cb.it.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**41**  
years

## CERTIFICATE OF PARTICIPATION

This is to Certify Mr. /Ms. /Mrs. /Dr. \_\_\_\_\_ Pedada Chandra Sekhar of \_\_\_\_\_  
\_\_\_\_\_ CBIT(A) has participated in webinar on “Publishing Research Articles in

Scopus Indexed Journals” conducted by CBIT - School of Management Studies on 24<sup>th</sup> June, 2020.

**Dr. S. SARASWATHI**  
CONVENER

**Dr. P. RAVINDER REDDY**  
PRINCIPAL



**N.B.K.R.**  
 INSTITUTE OF SCIENCE & TECHNOLOGY  
 (AUTONOMOUS)  
 Affiliated to JNTUA, Ananthapuramu

Estd. 1979



# Certificate

OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

**Mr. PEDADA CHANDRA SEKHAR**

**ASSISTANT PROFESSOR**

**CBIT(A)**

FOR PARTICIPATING IN THE WEBINAR ON  
**“RESEARCH CHALLENGES & CAREER OPPORTUNITIES IN VLSI”**  
 HELD ON 6TH JUNE 2020 ORGANIZED BY THE DEPARTMENT OF  
 ELECTRONICS AND COMMUNICATION ENGINEERING  
 N.B.K.R INSTITUTE OF SCIENCE & TECHNOLOGY  
 VIDYANAGAR, S.P.S.R NELLORE, A.P.

*K. Reddy*

**Convenor**

**Dr.K.Nagi Reddy**

*S. Reddy*

**HOD**

**Dr.G.Harinatha Reddy**

*V. V. Reddy*

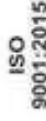
**Director**

**Dr.V.Vijaya Kumar Reddy**





**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**  
Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cb.it.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**41** years

## CERTIFICATE OF PARTICIPATION

This is to Certify **Mr. P. Chandra Sekhar**, **Assistant Professor** of **ECE** has Successfully completed a One Week

Faculty Development Program on "Outcome Based Education and NBA Accreditation Process- (UG)", during 28-05-2020 to 01-06-2020.

**Prof. K. RADHIKA**  
CONVENER  
Head, IT Dept.

**Prof. M. SWAMY DAS**  
CONVENER  
Joint Director (Academics)

**Prof. K. KRISHNAVENI**  
CONVENER  
Director (Academics)

**Dr. P. RAVINDER REDDY**  
PRINCIPAL



**Rai University**  
EVOLVING THINKING MINDS  
A LEADING RESEARCH DRIVEN UNIVERSITY



Industry Partner

# CERTIFICATE OF PARTICIPATION

This is to certify that

**Pedada Chandra Sekhar**

has successfully Participated in Webinar Organized by Internal Quality Assurance Cell (IQAC)  
Rai University, Ahmedabad, Gujarat-India.

on

held on June 04, 2020

## **HOW TO PUBLISH RESEARCH ARTICLE IN SCI JOURNALS USING INFO-GRAPHIC TOOLS**

**Dr. Anil Tomar**

Provost,  
Rai University, Ahmedabad.

**Prof. Veerendra Singh Nagoria**

Dy. Registrar,  
Rai University, Ahmedabad.

**Dr. Sailesh Iyer**

Associate Professor, Dept. of CSE/IT  
Rai University, Ahmedabad.



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/13/2020

**Pedada Chandra Sekhar**

has successfully completed

**TCP/IP and Advanced Topics**

an online non-credit course authorized by University of Colorado System and offered through Coursera

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/56PKK6TVNFDB](https://coursera.org/verify/56PKK6TVNFDB)  
Coursera has confirmed the identity of this individual and their participation in the course.



University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/13/2020

**Pedada Chandra Sekhar**

has successfully completed

**Peer-to-Peer Protocols and Local Area Networks**  
an online non-credit course authorized by University of Colorado System and offered through Coursera

*Xiaobo Zhou*

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/JGL9TVMZDP2E](https://coursera.org/verify/JGL9TVMZDP2E)  
Coursera has confirmed the identity of this individual and their participation in the course.



University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/13/2020

**Pedada Chandra Sekhar**

has successfully completed

**Packet Switching Networks and Algorithms**

an online non-credit course authorized by University of Colorado System and offered through Coursera

*Xiaobo Zhou*

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/GFBNQVCERRG7](https://coursera.org/verify/GFBNQVCERRG7)  
Coursera has confirmed the identity of this individual and their participation in the course.



University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/13/2020

**Pedada Chandra Sekhar**

has successfully completed

**Fundamentals of Network Communication**

an online non-credit course authorized by University of Colorado System and offered through Coursera

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/CGT37ZWBWFGC](https://coursera.org/verify/CGT37ZWBWFGC)  
Coursera has confirmed the identity of this individual and their participation in the course.



05/18/2020

**Pedada Chandra Sekhar**

has successfully completed

**Introduction to Electronics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

*Bonnie H. Ferri*

Professor Bonnie H. Ferri  
School of Electrical and Computer Engineering  
Georgia Institute of Technology

*Robert Allen Robinson*

Dr. Allen Robinson  
School of Electrical and Computer Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/3BPUG4XSVT95](https://coursera.org/verify/3BPUG4XSVT95)  
Coursera has confirmed the identity of this individual and their participation in the course.



05/11/2020

**Pedada Chandra Sekhar**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by deeplearning.ai and offered through  
Coursera

A handwritten signature in blue ink that reads "Andrew Ng".

Adjunct Professor Andrew Ng  
Computer Science Department  
Stanford University

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/7CSNGMMSD5YFP](https://coursera.org/verify/7CSNGMMSD5YFP)  
Coursera has confirmed the identity of this individual and  
their participation in the course.





**YONSEI**  
UNIVERSITY

05/11/2020

**Pedada Chandra Sekhar**

has successfully completed

**Wireless Communications for Everybody**

an online non-credit course authorized by Yonsei University and offered through  
Coursera

*Thanghan Kim*

Kwang-Soon Kim, Seong-Lyun Kim, Chan-Byoung Chae, Dae-Sik Hong, Song-Kuk Kim  
School of Electrical & Electronic Engineering & Integrated Technology  
Yonsei University

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/SAMWLUEGZLJD](https://coursera.org/verify/SAMWLUEGZLJD)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

# Certificate of Participation

This is to certify that

**Pedada Chandra Sekhar**

from their Home, through IIT Bombay BodhiTree platform  
participated in

**'Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop'**  
on **17 May 2020**

The participation also involved 1 day equivalent work of pre-workshop online video lectures.

This training was organised by the Teaching Learning Centre (ICT) at IIT Bombay,  
funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT), MHRD, Govt. of India



**Prof. Kannan Moudgalya**  
Project Coordinator, Teaching  
Learning Centre (ICT),  
PMMNMTT, IIT Bombay



**Prof. Bhaskaran Raman**  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Kameswari Chebrolu**  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Varsha Apte**  
Department of Comp.Sci and Engg.,  
IIT Bombay



**M**  
PANDIT  
ADAN  
OHAN  
ALAVIYA

**NATIONAL MISSION ON  
TEACHERS AND TEACHING**



This training was made possible with help from Spoken Tutorial and FOSSEE Projects at IIT Bombay.  
These Projects are funded by the National Mission on Education through ICT, MHRD, Govt. of India.

For details and verification,  
scan the QR code



# St. Martin's Engineering College

An Autonomous Institute  
NBA & NAAC A+ Accredited  
Dhulapally, Secunderabad-500100.



## Certificate of Participation

This is to certify that  
Pedada Chandra Sekhar  
Assistant Professor

CBIT(A)

has actively participated in A Five Days Online Faculty Development Programme on  
“**RECENT COMMUNICATION TOOLS AND ITS APPLICATION**”  
Organized by Department of Electronics and Communication Engineering  
from 19<sup>th</sup> to 23<sup>rd</sup> May, 2020.

Dr. B. Hari Krishna  
HOD-ECE

Dr. P. Santosh Kumar Patra  
Principal



"Techno-Social Excellence"

Marathwada Mitramandal's

**INSTITUTE OF TECHNOLOGY (MMIT),**

Lohgaon, Pune 411047

MMIT

Approved By AICTE, New Delhi, Affiliated to SPPU, Pune,



## CERTIFICATE OF APPRECIATION

THIS CERTIFICATE IS PROUDLY AWARDED TO

***Pedada Chandra Sekhar***

for successful completion of "NAAC Awareness Programme for Faculty" organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune - 47 conducted online during the period 08/05/2020 to 14/05/2020.

COVID-19: STAY HOME, STAY SAFE



MMIT, Lohgaon,  
Pune

DR. R. V. BHORTAKE  
PRINCIPAL



UGC AUTONOMOUS

# St. Martin's Engineering College

An Autonomous Institute  
NBA & NAAC A+ Accredited  
Dhulapally, Secunderabad-500100



## Certificate of Participation

This is to certify that

**Pedada Chandra Sekhar**

Assistant Professor

Chaitanya Bharathi Institute of Technology

has actively participated in five days online webinar on

**“KNOWLEDGE SHARING SESSION ON RECENT TRENDS AND ITS APPLICATION IN ELECTRONICS”**

Organized by Department of Electronics and Communication Engineering

from 03<sup>rd</sup> to 07<sup>th</sup> May, 2020

**Dr. B. Hari Krishna**  
HOD – ECE

**Dr. P. Santosh Kumar Patra**  
Principal



**D Y PATIL**  
DEEMED TO BE  
UNIVERSITY  
— RAMRAO ADIK —  
INSTITUTE OF TECHNOLOGY  
NAVI MUMBAI

**DesignTech**  
Technology for designing the future



5-Days Online STTP on

*MATLAB based Teaching-Learning in  
Mathematics, Science & Engineering*

## **Certificate of Participation**

This is to certify that **Mr. Pedada Chandra Sekhar** from **Chaitanya Bharathi Institute of Technology(A)** has successfully completed the online Short Term Training Program on “**MATLAB based Teaching-Learning in Mathematics, Science & Engineering**”.

This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18<sup>th</sup> to 22<sup>nd</sup> May 2020.

**Mr. M M Zafar**  
National Technical Manager,  
DesignTech Systems Pvt Ltd.

**Dr. Prasiddh Trivedi**  
STTP Convenor

**Dr Vishwesh A. Vyawahare**  
Head, Electronics Engg., RAIT

**Dr. Mukesh D. Patil**  
Principal, RAIT



# Certificate of Participation

**Pedada Chandra Sekhar**

Mr / Ms \_\_\_\_\_

has participated in Mentor Webinar on Analog IC Design Using Mentor EDA Tools  
held on **10<sup>th</sup> April 2020** in association with CoreEL Technologies and Mentor.



**Ms. Sadiya Arshad**

Director Education and Skill Development

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: NPTEL20GE11S1775034

To  
CHANDU SEKHAR PEDADA  
P.CHANDRA  
SEKHARH.NO13911251,DILSUKHNAGAR,NEAR SAI  
BABA TEMPELLALITHA NAG  
HYDERABAD  
TELANGANA-500060  
PH. NO :9395161120



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.



# NPTEL Online Certification

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



This certificate is awarded to

**CHANDU SEKHAR PEDADA**

for passing the course

**NBA Accreditation and Teaching - Learning  
in Engineering (NATE)**

with Score\* **88** %



**Prof. G. L. Sivakumar Babu**  
Chairman, Centre for Continuing Education  
IISc Bangalore

**Jan-Apr 2020**  
**(12 week course)**

**Prof. L. Umanand**  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore



\*Continuous online assessment score

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: NPTEL20EE33S1238254

To

CHANDU SEKHAR PEDADA  
P.CHANDRA  
SEKHARH.NO13911251,DILSUKHNAGAR,NEAR SAI  
BABA TEMPELLALITHA NAG  
HYDERABAD  
TELANGANA-500060  
PH. NO :9395161120



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

**CHANDU SEKHAR PEDADA**

for passing the course

**Fundamentals of MIMO Wireless Communication**

with Score\* **76** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Mar 2020

(8 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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: NPTEL20EE36S1330255

To

CHANDU SEKHAR PEDADA  
P.CHANDRA  
SEKHARH.NO13911251,DILSUKHNAGAR,NEAR SAI  
BABA TEMPELLALITHA NAG  
HYDERABAD  
TELANGANA-500060  
PH. NO :9395161120



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

**CHANDU SEKHAR PEDADA**

for passing the course

**Evolution of Air Interface towards 5G**

with Score\* **84** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Feb-Apr 2020

(8 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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: NPTEL19CS72S31472099

To  
CHANDRA SEKHAR  
P.CHANDRA SEKHAR  
H.NO:13-9-1125/1,  
DILSUKHNAGAR, NEAR SAI BABA TEMPEL  
LALITHA NAG  
HYDERABAD  
TELANGANA  
500060  
PH. NO :9395161120



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.



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**CHANDRA SEKHAR**  
for successfully completing the course

## Hardware Modeling Using Verilog

with a consolidated score of **71** %

Online Assignments	14.53/25	Proctored Exam	56.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 336

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
**Prof. Adrijit Goswami**  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS72S31472099

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



Roll No: NPTEL19EE25S31453129

To P.CHANDRA SEKHAR  
CHAITANYA BHARATHI INSTITUTE OF  
TECHNOLOGY, HYDERABAD  
HYDERABAD



Duration of NPTEL course: 8 Weeks

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



# NPTEL-AICTE Faculty Development Programme



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

This certificate is awarded to

**P.CHANDRA SEKHAR**

for successfully completing the course  
**CMOS Digital VLSI Design**

with a consolidated score of **67 %**



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Feb-Apr 2019)

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

Roll No: NPTEL19EE25S31453129

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



# CHAITANYA BHARATHI EDUCATIONAL SOCIETY

Chaitanya Bharathi(PO), Kokapet(V), Gandipet(M), Ranga Reddy District, Hyderabad-500075, Telangana, INDIA



## *Certificate of Participation*

**This is to certify that**

***Mr. P. Chandra Sekhar, Assistant Professor***

**Dept. of ECE, CBIT(A)**

**has participated in a National Seminar on**

**“IoT for Real World”**

**on 28<sup>th</sup> October, 2019**

**organized by**

**Departments of M&H, CSE, IT and MCA of  
CBIT(A) & MGIT**

**Prof. M. V. Ramana Murthy  
Convener, MGIT**

**Prof. K. Jaya Sankar  
Principal, MGIT**

**Prof. P. Ravinder Reddy  
Principal, CBIT(A)**



## Certificate of Participation

This is to certify that

**Pedada Chandra Sekhar**

from CBIT(A) has

Successfully attended the India First Leadership Talk webinar

with Prof D. P. Singh, Chairman UGC

Broadcasted on 9th May, 2020 by MHRD's Innovation Cell.

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell



Print/Download



## Certificate of Participation

**This is to certify that**

**Pedada Chandra Sekhar**



from Chaitanya Bharathi Institute Of Technology (A), Hrderabad has  
Successfully attended Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant  
Design) held on 6th Jun  
by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell







MHRD



MHRD'S  
INNOVATION CELL  
(GOVERNMENT OF INDIA)



## Certificate of Participation

This is to certify that

**Pedada Chandra Sekhar**



from Chaitanya Bharathi Institute Of Technology (A), Hrderabad has  
Successfully attended Leadership Talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social  
Justice & Empowerment) held on 13th Jun  
by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





**MHRD**



MHRD'S  
**INNOVATION CELL**  
(GOVERNMENT OF INDIA)



## **Certificate** of Participation

**This is to certify that**

**Pedada Chandra Sekhar**

from Chaitanya Bharathi Institute Of Technology (A), Hyderabad has  
Successfully attended Leadership Talk

With Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief  
Innovation Officer MHRD Innovation Cell, Saturday, 16th May 2020 at 01.00 PM  
by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





**MHRD**



MHRD'S  
**INNOVATION CELL**  
(GOVERNMENT OF INDIA)



# Certificate of Participation

**This is to certify that**

**Pedada Chandra Sekhar**



from Chaitanya Bharathi Institute Of Technology (A), Hrderabad has  
Successfully attended Leadership Talk with Mr. Shridhar Venkat, CEO (Akshay Patra Foundation)  
held on 20th Jun  
by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





**MHRD**



**MHRD'S  
INNOVATION CELL**  
(GOVERNMENT OF INDIA)



## **Certificate** of Participation

**This is to certify that**

**Pedada Chandra Sekhar**

from Chaitanya Bharathi Institute Of Technology (A), Hrderabad has  
Successfully attended Leadership talk With Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd.  
India's First Leadership Talk Series Session with Mr Mahesh Babu CEO Mahindra Electric Mobility  
Ltd.

by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





## Certificate of Participation

**This is to certify that**

**Pedada Chandra Sekhar**



from Chaitanya Bharathi Institute Of Technology (A), Hyderabad has  
Successfully attended Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker) held on  
27th Jun  
by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





**MHRD**



**MHRD'S  
INNOVATION CELL**  
(GOVERNMENT OF INDIA)



## **Certificate** of Participation

**This is to certify that**

**Pedada Chandra Sekhar**



from Chaitanya Bharathi Institute Of Technology (A), Hrderabad has  
Successfully attended Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History)  
held on 30th May  
Dr. Abhay Jere (Chief Innovation Officer- MHRD Innovation Cell, Govt. of India) Hosting Live session  
of Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History)  
by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell



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: NPTEL20EE26S51601892

To  
MOHD ZIAUDDIN JAHANGIR  
18-8-104/98, PANDIT NARENDER NAGAR, EDI  
BAZAAR  
HYDERABAD  
TELANGANA - 500023  
PH. NO :9885717845



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.



# NPTEL Online Certification

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



This certificate is awarded to  
**MOHD ZIAUDDIN JAHANGIR**

for successfully completing the course

## Analog IC Design

with a consolidated score of **45** %

Online Assignments	13.97/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **3**

**Jan-Apr 2020**  
(12 week course)

*Prof. Andrew Thangaraj*  
**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



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: NPTEL20EE30S31600159

To  
MOHD ZIAUDDIN JAHANGIR  
18-8-104/98, PANDIT NARENDER NAGAR, EDI  
BAZAAR  
HYDERABAD  
TELANGANA - 500023  
PH. NO :9885717845



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.



# NPTEL Online Certification

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



This certificate is awarded to  
**MOHD ZIAUDDIN JAHANGIR**

for successfully completing the course

## Analog Circuits and Systems through SPICE Simulation

with a consolidated score of **57** %

Online Assignments	18.03/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9

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

Jan-Apr 2020  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur





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: NPTEL20GE11S21600501

To  
MOHD ZIAUDDIN JAHANGIR  
18-8-104/98, PANDIT NARENDER NAGAR, EDI  
BAZAAR  
HYDERABAD  
TELANGANA - 500023  
PH. NO :9885717845



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  
**MOHD ZIAUDDIN JAHANGIR**

for successfully completing the course

**NBA Accreditation and Teaching - Learning  
in Engineering (NATE)**

with a consolidated score of **75** %

Online Assignments	23.69/25	Proctored Exam	51.62/75
--------------------	----------	----------------	----------

**Prof. G. L. Sivakumar Babu**  
Chairman, Centre for Continuing Education  
IISc Bangalore

Total number of candidates certified in this course: **548**

**Jan-Apr 2020**  
(12 week course)

**Prof. L. Umanand**  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore





**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**

Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. [www.cb.it.ac.in](http://www.cb.it.ac.in)



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**41** years

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A One Week Online Faculty Development Program

on

**RESEARCH OPPORTUNITIES IN IMAGE PROCESSING AND MACHINE LEARNING**

29<sup>th</sup> June – 03<sup>rd</sup> July 2020

### **Resource Persons**

Prof. R. Krishnan, Former Director ADRIN, ISRO &  
Former Dean IIST, Trivandrum

Prof. Siba Kumar Udgata, HCU, Hyderabad

Prof. S.L. Sabat, Head, Dept. of Electronics HCU, Hyderabad

Prof. T. V. Rajanikant, SNIST, Hyderabad

Prof. S. Nagaraja Rao, Head, Dept. of ECE GPREC,  
Kurnool

Prof. K. Nagi Reddy, NBKRIST, Vidyannagar, Nellore

Prof. P. Narahari Sastry, CBIT, Hyderabad

Dr. Laxmi Shaw, Assistant Professor, CBIT, Hyderabad

**No Registration Fee**

**Link to Registration :** <https://forms.gle/np45hE1qKj5N5s5s6>

**FDP Link:** <https://sites.google.com/a/cbit.ac.in/ece-technicalprogramme/>

## **Objectives of the Course**

- To create awareness on image processing and Machine Learning concepts.
- To introduce various image processing tools and algorithms for image transmission & prevention of undesired images.
- To explore applications of image processing in the domain of medical images and character recognition.
- To nurture adaptive signal processing algorithms for Machine Learning.
- To acquaint Research opportunities in image processing.

## **Expected Course Outcomes**

After successful completion of the FDP, the participants can able to:

- Understand the concepts of Image Processing and Machine Learning.
- Apply various tools/algorithms for secured image transmission.
- Use the mathematical models for Machine Learning algorithms.
- Implement Machine Learning algorithms in medical image processing.
- Formulate research problems in the signal processing and Machine Learning.

## **FDP Guidelines**

1. Timings of the sessions will be from 10:30 AM to 12:00 PM and 03:30 PM to 05:00 PM.
2. Web link for the sessions will be updated on FDP website and FDP WhatsApp group.
3. Participants need to mark their attendance in the google form that will be circulated during the Morning Session from 11:00 AM to 12:00 Noon and during the Evening Session 03:30 PM to 04:30 PM on FDP website.
4. Each session will be followed by a 15 minutes of interaction.
5. At the end of each day, an online quiz will be conducted which needs to be completed within 30 minutes. The online quiz will be available between 07:00 PM - 08:00 PM on FDP website.
6. e-Certificate will be awarded to the enrolled participants, only if they meet the following:
  - i. Attendance should be minimum of 80%.
  - ii. Total Marks in all quizzes should be more than 50%.

## DAY WISE SCHEDULE

**Inaugural Function: 29 June 2020 from 10:00 AM to 10:30 AM**

Date/Time	29 June 2020 Monday Day 1	30 June 2020 Tuesday Day 2	01 July 2020 Wednesday Day 3	02 July 2020 Thursday Day 4	03 July 2020 Friday Day 5
10:30 AM to 12:00 Noon	<b>Dr. Siba Kumar Udgata</b> Machine Learning: Applications and Cautions	<b>Dr. Siba Kumar Udgata</b> GAN Algorithm for Image Processing	<b>Dr. R. Krishnan</b> Image understanding strategies	<b>Dr. R. Krishnan</b> Steganography for Image Processing	<b>Dr. T.V. Rajanikant</b> Advanced ML Algorithms in Medical Image Processing
<b>LUNCH BREAK</b>					
3:30 PM to 5:00 PM	<b>Dr. Laxmi Shaw</b> Deep Learning Applications in Image Processing	<b>Dr. K. Nagi Reddy</b> Mathematical Models for Machine Learning	<b>Dr. P. Narahari Sastry</b> Palm Leaf Character Recognition	<b>Dr. S. Nagaraja Rao</b> Adaptive signal processing and its applications	<b>Dr. S. L. Sabat</b> Research opportunities in Signal Processing

**Valedictory Function: 03 July 2020 from 5:30 PM to 6:00 PM**

### CHIEF PATRON

**Kavi Kireeti Dr. V. Malakonda Reddy**, President, CBIT

### PATRONS

**Sri. N. Subash**

Secretary & Correspondent, CBES

**Smt. D. Sandhya Sree**

Member and Chairperson, D&P, CBIT.

### ADVISORS

**Dr. P. Ravinder Reddy**

Principal, CBIT

**Dr. A. D. Sarma**

Director, R&D, CBIT

### CONVENORS

**Dr. D. Krishna Reddy**, Professor & Head, Department of ECE

**Dr. P. Narahari Sastry**, Professor, Department of ECE

### Coordinators

**Mr. G.V. Pradeep Kumar**, Asst. Professor, Dept. of ECE, Contact No: 9966088798

**Mr. Mohd Ziauddin Jahangir**, Asst. Professor, Dept. of ECE, Contact No: 9885717845

**Mr. J. Balakrishna**, Asst. Professor, Dept. of ECE, Contact No: 8985151787

### Co-Coordiators

**Ms. K.S.R.S. Jyothsna**, Asst. Professor, Dept. of ECE, Contact No: 9959540941

**Mr. Md. Sikander**, Asst. Professor, Dept. of ECE, Contact No: 7207447566

**Ms. D. Sony**, Asst. Professor, Dept. of ECE, Contact No: 9700583344



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**

Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. [www.cbbit.ac.in](http://www.cbbit.ac.in)



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INNOVATION AND  
EDUCATION

**41**  
years

## Organizing A One Week Online Faculty Development Program

on

# “OUTCOME BASED EDUCATION AND NBA ACCREDITATION PROCESS - (UG)”

**28<sup>th</sup> May, 2020 - 01<sup>st</sup> June, 2020**

**Resource Person:**

**Dr. S. Viswanadha Raju**

Professor, CSE Dept., JNTUHC EJ

☞ **No Registration Fee**

☞ **Use the following Link for Registration:**

<https://tinyurl.com/CBIT-OBE-NBA-UG>

## **Objectives of the FDP**

- To introduce and train faculty, on various aspects of Advancements in “Outcome Based Education (OBE) and NBA Accreditation Process.
- To promote Student-Centric effective Teaching-Learning Practices among the Faculty, in compliance to the National Educational Policy and Regulatory Authorities Guidelines released periodically on improving the Quality of Higher Education in Engineering.
- To enable the faculty to understand the NBA Assessment Criteria and Prepare Tier-I UG Documentation along with the necessary exhibits to be shown to the expert committee.

## **Expected Outcomes**

### **After successful completion of the Program, Faculty should be able to**

- Structure their Lessons as per the needs of the Students and with the Interaction of Industry on emerging Areas of Designs, Applications and Solutions to the Problems.
- Map the level of achievements/failures of Outcomes by a Student during the 4 years of Graduation as this impacts the entire evaluation.
- Distinguish PEOs and POs/PSOs
- Establish correlation among COs, POs and PEOs
- Identify, Design and Apply appropriate Assessment methods for COs, POs and PEOs
- Identify the Scope and develop Action Plan for Continuous Improvement based on CO -PO attainment Values
- Assess all the Criteria’s in the NBA’s SAR
- Distinguish among AICTE, NBA and NAAC
- Distinguish NBA SAR and NAAC SSR

## **Prerequisites for the FDP**

- ❖ Knowledge about the format of Tier-I UG Engineering Self-Assessment Report. (The Format of Tier-I UG Engineering Self-Assessment Report is enclosed for your reference.)
- ❖ Please Join a Test Meeting on 27/5/2020 (Wed) at 11:00 AM using the link: <https://cbit.webex.com/cbit/j.php?MTID=m59c6d6faa361cf59d433fee280b34075>

## **FDP Guidelines**

1. Presentation Sessions will be conducted daily from 10:00AM to 12:30PM
2. Questionnaire Form with relevant Queries/Doubts/Clarifications will have to be filled and submitted immediately after the presentation Session, before 1:30 PM.
3. Group Discussion, will be held, daily from 5:30 PM to 6:30 PM to answer the queries from the Participants.
4. Quiz will be open daily between 8:30 PM to 9:30 PM. The duration of the quiz is 30min. The Participants have to submit the Answers.
5. Attend all the Sessions and submitting all the Quizzes of the FDP by the Faculty within the time frame is mandatory.
6. E-Certificates will be awarded to the Participants who score an average of 60% in the Quizzes.



## Chief Patron

Kavi Kireeti Dr. V. Malakonda Reddy, President, CBITS

## Patrons

Sri. N. Subash,

Secretary & Correspondent, CBES

Smt. D. Sandhya Sree,

Member and Chairperson, D&P, CBITS.

## Advisors

Sri. D. Bhaskar Reddy, Advisor-RCG, CBIT

Prof. P.Ravinder Reddy, Principal, CBIT

Prof. A.D. Sarma, Director (R&D), CBIT

Prof. U.K.Choudhury, Director(I&I), CBIT

## Conveners

Prof. K. Krishnaveni, Director (Academics)

Prof. M. Swamidas, Head, CSE Dept.,  
Joint Director, Academics (Informatics)

Dr. K. Radhika, Professor, IT Dept.

## Coordinators

Mrs. M. Trupthi,  
Asst. Professor, IT Dept.  
Contact No:9849295395

Mr. Ch. Harish,  
Asst. Professor, EEE Dept.  
Contact No:9441952462

Mr. Mohd. Ziauddin Jahangir,  
Asst. Professor, ECE Dept.  
Contact No:9885717845

## Technical Team

Mrs.M Naga Jyothis,  
CSE Dept.

Mr. P. Ramesh Babu  
CSE Dept.

Contact No: 9963976569

Contact No:8555849558

# PROGRAM SCHEDULE

Day	Date	Timings & Activity
1	28/5/2020	10:00 AM to 10:30 AM - Inauguration 10:30 AM to 12:30 PM Introduction of OBE and NBA Difference between AICTE and NBA Bloom's Taxonomy skills <b>[ Criterion 3: Course Outcomes and Program Outcomes (175)            Criterion 2: 2.2. Teaching-Learning Processes (70)            Criterion 8: First Year Academics (50)]</b> 12:30 PM to 01:30 PM -Feedback 1 05:30 PM to 06:30 PM -Group Discussion 1 08:30 PM to 09:30 PM -Quiz1
	29/5/2020	10:00 AM to 12:30 PM Formulation of Course Outcomes, CO-PO Mapping, Constructive Question Paper setting and Quality of student projects. <b>[Criterion 2: 2.2. Teaching-Learning Processes (70)            Criterion 3: Course Outcomes and Program Outcomes (175)            Criterion 8: First Year Academics (50)]</b> 12:30 PM to 01:30 PM - Feedback2 05:30 PM to 06:30 PM -Group Discussion 2 08:30 PM to 09:30 PM - Quiz2
3	30/5/2020	10:00 AM to 12:30 PM Attainment of Course Outcomes, Attainment of Program Outcomes, and Program Specific Outcomes, Continuous Improvement and Assessment tools for PO6 to P012 <b>[Criterion 3: Course Outcomes and Program Outcomes (175)            Criterion 7: Continuous Improvement (75)            Criterion 8: First Year Academics (50)]</b> 12:30 PM to 01:30 PM - Feedback 3 05:30 PM to 06:30 PM - Group Discussion 3 08:30 PM to 09:30 PM - Quiz 3
4	31/5/2020	10:00 AM to 12:30 PM Formulation of Vision /Mission, PEO and PO/PSO <b>[Criterion 1: Vision, Mission and Program Educational Objectives (50)]</b> 12:30 PM to 01:30 PM - Feedback 4 05:30 PM to 06:30 PM - Group Discussion 4 08:30 PM to 09:30 PM - Quiz 4
5	1/6/2020	10:00 AM to 12:30 PM Institutional and Department level committees Evaluation Guidelines –Tier I (UG) <b>[Criterion 1: 10.1. Organization, Governance and Transparency (55)]</b> 12:30 PM to 01:30 PM - Feedback 5 05:30 PM to 06:30 PM - Group Discussion 5, Concluding Remarks 08:30 PM to 09:30 PM - Quiz 5

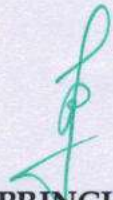
**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A), HYDERABAD-75**

No. CBIT/Admn./ 11 /2020

Dt.10.01.2020

**CIRCULAR**

A Demo is being arranged on implementing Cloud Based OBE Platform by INPODS on 18.01.2020 at 11.00AM in the N-Block Seminar Hall for all the Faculty of CBIT. All the Faculty are advised to attend the same without fail.

  
**PRINCIPAL**

To

All Heads of the Departments / Sections for information and with a request to circulate among all the Staff under their control.

C.C. to all Directors, IQAC Co-ordinator, HR, CoE & PRO, for information & n/a.

C.C. to the Advisor-RCG, CBIT, for kind information.

File Edit View Communicate Participant Event Help

Cisco Webex Events

Viewing Chris Lee's screen

# Architectural Platforms Beyond Cloud ... Post Moore's Law

2020/6/19, Business Informatics Research Center, Troy

2020/6/19, Media SoC Lab, 11

Participants

Panelist: 4

- PC: Paldimary chandrasekhar Host
- CL: Chris Lee
- BS: Bala Peddi...
- CA: chakradhar adupa

Attendee:

- MU: Mohd Ziauddin Jahnagir Me

Q&A

All (0)

Ask All Panelists

Select a panelist in the Ask menu first and then type your question

Send

6:18 PM 6/19/2020



## Certificate of Participation

This is to certify that

**Mohd Ziauddin Jahnagir**



from CBIT, Hyderabad has  
Successfully attended Leadership Talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social  
Justice & Empowerment) held on 13th Jun  
by MHRD's Innovation Cell

**Dr. Abhay Jere**

Chief Innovation Officer, MHRD's Innovation Cell





**D Y PATIL**  
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— RAMRAO ADIK —  
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NAVI MUMBAI

**DesignTech**  
Technology for designing the future



5-Days Online STTP on

*MATLAB based Teaching-Learning in  
Mathematics, Science & Engineering*

## **Certificate of Participation**

This is to certify that ***Mrs. Nagadevi Darapureddy*** from ***Chaitanya Bharathi Institute Of Technology*** has successfully completed the online Short Term Training Program on ***“MATLAB based Teaching-Learning in Mathematics, Science & Engineering”***.

This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18<sup>th</sup> to 22<sup>nd</sup> May 2020.

**Mr. M M Zafar**  
National Technical Manager,  
Designtech Systems Pvt Ltd.

**Dr. Prasiddh Trivedi**  
STTP Convenor

**Dr Vishwesh A. Vyawahare**  
Head, Electronics Engg., RAIT

**Dr. Mukesh D. Patil**  
Principal, RAIT





**SOMAIYA**  
VIDYAVIHAR UNIVERSITY

K J Somaiya College of Engineering

# Certificate of Participation

**D.Nagadevi**

has successfully completed online STTP on  
“**Sensor, IoT & Machine Learning**”  
from 1<sup>st</sup> June 2020 to 5<sup>th</sup> June 2020 conducted by,  
K. J. Somaiya College of Engineering, Vidyavihar, Mumbai

**Dr. N. Mehendale**  
STTP coordinator

**Dr. J. Nirmal**  
HOD, Electronics Engineering

**Dr. S. Pandit**  
Principal, KJSCE





**SRI KRISHNADEVARAYA EDUCATIONAL TRUST'S**

# **SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY**

Krishnadevarayanagar, Hunasamarahalli , Off International Airport Road, Bangalore-562 157.  
(Affiliated to VTU, Recognized by AICTE , Accredited by NAAC)



\*\*\*\*\* NIRF Rank - 251 \*\*\*\*\*

## **Department of Electrical & Electronics Engineering**

### **CERTIFICATE OF PARTICIPATION**

**Certificate No 803**

**Mr/Mrs/Prof Nagadevi Darapureddy**

Chaitanya Bharathi Institute Of Technology

has participated and secured **"S+ Grade"** in a one week National Level Online Short Time Training Program on **"MATLAB for ALL"** during **04th June to 8th June 2020** organized by the **Department of Electrical and Electronics Engineering** , **SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY**, Bangalore-562157.

**Mr. R Sivapriyan**  
Coordinator

**Dr. H L Suresh**  
HOD,EEE

**Dr. V R Manjunath**  
Principal

DSIS - 02018



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NAVI MUMBAI



**FINDABILITY**  
SCIENCES

# Ramrao Adik Institute of Technology

Nerul, Navi Mumbai, Maharashtra

# CERTIFICATE OF PARTICIPATION



This is to certify that Mr./Ms. NAGADEVI DARAPUREDDY

has successfully completed the 5 days Online Short Term Training Program on

**“RECENT TRENDS IN DATA SCIENCE AND INFORMATION SECURITY”**

organized by the *Department of Computer Engineering* during 22<sup>nd</sup> June to 26<sup>th</sup>

June 2020.

Dr. Leena Ragha  
Head of Department,  
Computer  
Engineering, RAIT

Dr. Mukesh D. Patil  
Principal, RAIT



"Techno-Social Excellence"

Marathwada Mitramandal's

**INSTITUTE OF TECHNOLOGY (MMIT),**

Lohgaon, Pune 411047

MMIT

Approved By AICTE, New Delhi, Affiliated to SPPU, Pune,



## CERTIFICATE OF APPRECIATION

THIS CERTIFICATE IS PROUDLY AWARDED TO

**NAGADEVI DARAPUREDDY**

for successful completion of "NAAC Awareness Programme for Faculty" organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune - 47 conducted online during the period 08/05/2020 to 14/05/2020.

COVID-19: STAY HOME, STAY SAFE



MMIT, Lohgaon,  
Pune

DR. R. V. BHORTAKE  
PRINCIPAL



**Government College of Engineering, Karad**  
(An Autonomous Institute of Government of Maharashtra)  
Vidyanagar Karad Dist.-Satara Maharashtra, PIN- 415 124.

Website: [www.gcekarad.ac.in](http://www.gcekarad.ac.in) Email: [principal@gcekarad.ac.in](mailto:principal@gcekarad.ac.in)



AICTE-MARGDARSHAN SCHEME

## CERTIFICATE

This is to certify that Mr./Ms./Dr. **NAGADEVI DARAPUREDDY of CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY** has attended one week online Faculty Development Program on “**OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE**” from 11-15 May 2020 under Margdarshan Scheme of AICTE, New Delhi.



Please scan the QR code for validation this certificate.

Mr. K. K. Mate  
Coordinator,  
PCCOER, Pune

Dr. S. S. Mulik  
Coordinator,  
RMDSSOE, Pune.

Dr. U. V. Patil  
Coordinator,  
GCE, Karad.

Dr. S. P. Deshmukh  
Convener,  
GCE, Karad.

Dr. P.M. Joshi  
Convener,  
GCE, Karad.

Dr. A. T. Pise  
Principal,  
GCE

Your Certificate No is : OBEGCEK-00775



# Malla Reddy Institute of Technology

Approved by AICTE & Affiliated to JNTUH, Hyderabad  
Maisammaguda, Dhulapally Via Kompally, Secunderabad-500 100  
www.mrit.ac.in , principal@mrit.ac.in Phone No. +91 87900 00752 / +91 91210 11021



9001:2015  
CERTIFICATION LIMITED

## Certificate of Participation

This certificate is awarded to  
**Nagadevi Darapureddy**

of

**Chaitanya Bharathi Institute Of Technology**  
For Successfully completing

A Three Day FDP Webinar titled "HADOOP and MACHINE LEARNING" presented  
by **Dr. K. UmaPavanKumar, Mr. B Jaya ram** from 18<sup>th</sup>-20<sup>th</sup> May 2020,  
organized and conducted by Department of Computer Science and Engineering,  
Malla Reddy Institute of Technology, Secunderabad.

Certificate ID -8RMSNM-CE000565

Date-20-5-2020



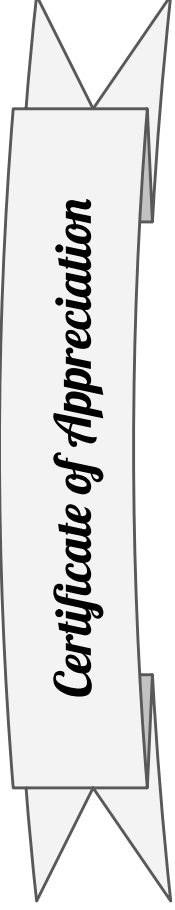
**Dr. K. UMAPAVANKUMAR**  
CSE-HOD  
CONVENOR

  
**Dr. K. SRINIVASARAO**  
PRINCIPAL- MRIT



# CMR ENGINEERING COLLEGE


Accredited by NBA & NAAC, Approved by AICTE, Affiliated to JNTUH  
Kandlakoya(V), Medchal Road, Hyderabad-501401  
Ph:08418 200037,92470 22662,Fax:08418 200240,[www.cmrec.ac.in](http://www.cmrec.ac.in)



## Mrs.Nagadevi Darapureddy of Chaitanya Bharathi Institute Of Technology

has participated and passed Online Quiz with a score of 70.00% in Five Day National level Faculty Development Programme on "Artificial Intelligence"

held from 22.05.2020 to 26.05.2020 organised by the Department of Information Technology, CMR Engineering College, Hyderabad, in collaboration with NYCI & Brainvision Solutions India Pvt.Ltd setting a proud world record with 13000 diligent learners across the Nation.

  
**Dr.Datachana Murthy**

( National Executive President)  
National Youth Council of India

  
**Ganesh Nag Doddi**

(CEO of Brainovision)

  
**Mrs.Madhavi Pingili**

( FDP Convenor & HoD)  
IT Department

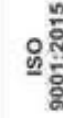
  
**Dr.A.Srinivasula Reddy**

(PRINCIPAL)



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**

Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbti.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**41** years

## CERTIFICATE OF PARTICIPATION

This is to Certify **Smt.D.Nagadevi** **Assistant Professor** of

**ECE** has Successfully completed a One Week

Faculty Development Program on “Outcome Based Education and NBA Accreditation Process- (UG)”, during 28-05-2020  
to 01-06-2020.

**Prof. K. RADHIKA**  
CONVENER  
Head, IT Dept.

**Prof. M. SWAMY DAS**  
CONVENER  
Joint Director (Academics)

**Prof. K. KRISHNAVENI**  
CONVENER  
Director (Academics)

**Dr. E. RAVINDER REDDY**  
PRINCIPAL



# KRISHNA CHAITANYA INSTITUTE OF TECHNOLOGY AND SCIENCES

An ISO 9001: 2008 Certified Institute & Approved by AICTE  
Affiliated to JNTUK Kakinada.

Devarajugattu, Peddaaraveedu, Prakasam, Markapur,  
Andhra Pradesh 523316.



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### *Certificate of Participation*

This is to certify that

**Nagadevi Darapureddy**

**Chaitanya Bharathi Institute Of Technology**

has actively participated in Five Day Faculty Development Program on  
“**Machine Learning**” organized by department of CSE in association with  
Vidya Technos Private Limited, Hyderabad from **09.06.2020 to 13.06.2020**.

**Convener**

Prof.M.Gnana Vardhan  
HOD, CSE

**Principal**

Dr.V.Krishna Reddy

**Vidya Technos**

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INSTITUTE OF TECHNOLOGY (A)**  
Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. [www.cbti.ac.in](http://www.cbti.ac.in)



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**41** years

# Certificate of Participation

This is to certify that Mr. /Ms. /Mrs. /Dr. **D.Nagadevi** of **Chaitanya Bharathi Institute of**

**Technology, Hyderabad** has attended a One Week Online Faculty Development Program on

**"Research Opportunities in Image Processing and Machine Learning"**, conducted by the

Department of Electronics and Communication Engineering during **29<sup>th</sup> June to 03<sup>rd</sup> July**

**2020.**

**Dr. P. NARAHARI SASTRY**

CONVENOR

**Dr. D. KRISHNA REDDY**

Head, Department of ECE

**Dr. P. RAVINDER REDDY**

PRINCIPAL



Ref. no: EICT-122/2019-20/FDP/062

Electronics & ICT Academy  
Supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India  
Indian Institute of Technology Guwahati

# Certificate of Participation

This is to certify that

✓ Mr./Ms. K. Chandrasekhar  
of Chaitanya Bharathi Institute of Technology (A), Hyderabad  
has participated in a one-week Faculty Development Programme on "IoT for Emerging Applications" organised by  
E&ICT Academy IIT Guwahati in association with Department of Electronics and Communication Engineering,  
Chaitanya Bharathi Institute of Technology (A), Hyderabad held from 04 – 08 February, 2020 at Chaitanya Bharathi  
Institute of Technology (A), Hyderabad with support from Finland Labs.

Ratnajit Bhattacharjee  
Prof. Ratnajit Bhattacharjee  
PI, E&ICT Academy  
Indian Institute of Technology Guwahati  
Assam

Dr. P. Ravinder Reddy  
Dr. P. Ravinder Reddy  
Principal  
Chaitanya Bharathi Institute of  
Technology (A), Hyderabad

Dr. D. Krishna Reddy  
Dr. D. Krishna Reddy  
Head Department of ECE  
Chaitanya Bharathi Institute of  
Technology (A), Hyderabad

Dr. N. Allvelu Manga  
Dr. N. Allvelu Manga  
Coordinator, Associate Professor, Dept. of ECE  
Chaitanya Bharathi Institute of  
Technology (A), Hyderabad

Mr. Shrivendra Niranjan  
Mr. Shrivendra Niranjan  
Director  
Finland Labs  
(A unit of Revert Technology Pvt. Ltd.)

**EXCEL VLSI**  
APPLYING SKILL

## CERTIFICATE

AWARDED TO

Mr. SRI E. CHANDRA SEKHAR

For Participating in Virtual classroom training on “**ASIC Physical Design and Verification**” and successfully completing all the given assignments, conducted by **Excel VLSI Technologies, Bengaluru**, from 27-Apr-2020 to 02-May-2020.



SHIVAPPA K MADEGOWDA,

DIRECTOR



# St. Martin's Engineering College

An Autonomous Institute  
NBA & NAAC A+ Accredited  
Dhulapally, Secunderabad-500100.



## Certificate of Participation

This is to certify that  
**EDIGA CHANDRASEKHAR**

Assistant Professor

Chaitanya Bharathi Institute of Technology (A)

has actively participated in A Five Days Online Faculty Development Programme on  
“**RECENT COMMUNICATION TOOLS AND ITS APPLICATION**”

Organized by Department of Electronics and Communication Engineering

from 19<sup>th</sup> to 23<sup>rd</sup> May, 2020.

Dr. B. Hari Krishna  
HOD-ECE

Dr. P. Santosh Kumar Patra  
Principal

# Certificate of Participation

## EDIGA CHANDRASEKHAR

has participated in Xilinx Webinar on

**Block Level Design Using IP Integrator in Xilinx Vivado**

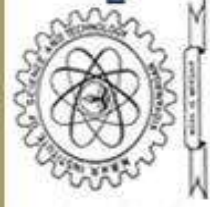
held on 26th June 2020

in association with **CoreEL Technologies and Xilinx**



**Ms. Sadiya Arshad**

Director Education and Skill Development



**N.B.K.R.**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
(AUTONOMOUS)  
Affiliated to JNTUA, Ananthapuramu



# *Certificate*

OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

**Mr. EDIGA CHANDRASEKHAR**

**ASSISTANT PROFESSOR**

**CBIT(A)**

FOR PARTICIPATING IN THE WEBINAR ON  
“**RESEARCH CHALLENGES & CAREER OPPORTUNITIES IN VLSI**”  
HELD ON 6TH JUNE 2020 ORGANIZED BY THE DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION ENGINEERING  
N.B.K.R INSTITUTE OF SCIENCE & TECHNOLOGY  
VIDYANAGAR, S.P.S.R NELLORE, A.P.

**Convenor**

**Dr.K.Nagi Reddy**

**HOD**

**Dr.G.Harinatha Reddy**

**Director**

**Dr.V.Vijaya Kumar Reddy**

# Certificate of Completion

This is to certify that

**E.Chandra Sekhar**

from their Home, through IIT Bombay BodhiTree platform  
successfully completed the

**'Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop'**  
on **17 May 2020**

He/She has attended the interaction session and successfully completed both pre and post workshop online activities,  
involving 3 days of video lectures and hands-on work.

This training was organised by the Teaching Learning Centre (ICT) at IIT Bombay,  
funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India



**Prof. Kannan Moudgalya**  
Project Coordinator, Teaching  
Learning Centre (ICT),  
PMMMNMTT, IIT Bombay



**Prof. Bhaskaran Raman**  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Kameswari Chebrolu**  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Varsha Apte**  
Department of Comp.Sci and Engg.,  
IIT Bombay



**M**  
PANDIT  
ADAN  
OHAN  
ALAVIYA

**NATIONAL MISSION ON  
TEACHERS AND TEACHING**



This training was made possible with help from Spoken Tutorial and FOSSEE Projects at IIT Bombay.  
These Projects are funded by the National Mission on Education through ICT, MHRD, Govt. of India.

For details and verification,  
scan the QR code



"Techno-Social Excellence"

Marathwada Mitramandal's

**INSTITUTE OF TECHNOLOGY (MMIT),**

Lohgaon, Pune 411047

MMIT

Approved By AICTE, New Delhi, Affiliated to SPPU, Pune,



## CERTIFICATE OF APPRECIATION

THIS CERTIFICATE IS PROUDLY AWARDED TO

***Ediga Chandrasekhar***

for successful completion of "NAAC Awareness Programme for Faculty" organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune - 47 conducted online during the period 08/05/2020 to 14/05/2020.

COVID-19: STAY HOME, STAY SAFE



MMIT, Lohgaon,  
Pune

DR. R. V. BHORTAKE  
PRINCIPAL



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: NPTEL20EE13S1996991

To  
EDIGA CHANDRASEKHAR  
1139GUNDLAKONDA POST  
DEVANAKONDA MANDAL,K  
KURNOOL  
ANDHRA PRADESH - 518468  
PH. NO :9963355086



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.



# NPTEL Online Certification

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



This certificate is awarded to

**EDIGA CHANDRASEKHAR**

for passing the course

**Integrated Circuits, MOSFETs, OP-Amps  
and their Applications**

with Score\* **84** %



**Prof. G. L. Sivakumar Babu**  
Chairman, Centre for Continuing Education  
IISc Bangalore

**Jan-Apr 2020**  
(12 week course)

**Prof. L. Umanand**  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore



\*Continuous online assessment score

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

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Roll No: NPTEL20GE11S1327356

To  
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1139GUNDLAKONDA POST  
DEVANAKONDA MANDAL,K  
KURNOOL  
ANDHRA PRADESH - 518468  
PH. NO :9963355086



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.



# NPTEL Online Certification

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



This certificate is awarded to

**EDIGA CHANDRASEKHAR**

for passing the course

**NBA Accreditation and Teaching - Learning  
in Engineering (NATE)**

with Score\* **92** %



**Prof. G. L. Sivakumar Babu**  
Chairman, Centre for Continuing Education  
IISc Bangalore

Jan-Apr 2020  
(12 week course)

**Prof. L. Umanand**  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore



\*Continuous online assessment score

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



MHRD'S  
INNOVATION CELL  
(GOVERNMENT OF INDIA)

*This is to certify that*

*Dr./Mr./Ms. E.CHANDRASEKHAR*

*of*

*CBIT*

*has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.*

Shri. Dipan Sahu  
National Coordinator, IIC  
MHRDs Innovation Cell

Dr. Mohit Gambhir  
Innovation Director  
MHRDs Innovation Cell

Dr. Abhay Jere  
Chief Innovation Officer  
MHRDs Innovation Cell

Certificate no : 9463  
Date : 2020-07-07



Scan to verify

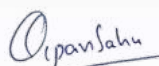
*\*The e-Sessions attended by the participant is listed in Annexure*

## *Annexure*

### *List of e-Sessions Attended by the Participants as below*

- 1 - Session 1: *National Innovation and Startup Policy for Students and Faculty 2019 - A Guiding Framework for HEIs for Implementation*
  - 2 - Session 2: *Role and Importance of Pre-Incubators, Incubators and Accelerators in HEIs - Harnessing Innovation and Entrepreneurial Potential of Students and Faculties at Early Stage*
  - 3 - Session 3: *Hangout with Emerging Innovator & Entrepreneurs Supported through MIC & AICTE*
  - 4 - Session 5: *Hangout with Successful Startup Founder*
  - 5 - Session 6: *Entrepreneurship, Business Idea and Business Model Canavas*
  - 6 - Session 7: *How to Identify Right Problem and Solution using the Double Diamond Approach in Design*
  - 7 - Session 8: *Intellectual Property (IP) Management at Early Stage of Innovation and Start-ups*
  - 8 - Session 9: *Understanding Angel and Venture Capital Funding - What is there for Early Stage innovator & Entrepreneurs*
  - 9 - Session 10: *Legal and Ethical Steps - Productive Entrepreneurship and Startup*
  - 10 - Session 11: *Innovating Self- Screen and Identify right opportunities*
  - 11 - Session 13: *Innovation Risk Diagnostic "ae" Product Innovation Rubric(PIR)*
  - 12 - Session 14: *Idea, Entrepreneurship Opportunities, Business Model and Business Plan*
  - 13 - Session 15: *Use of Market Data and Application of Marketing Research Tools and Methodology - Increasing Chances of Survivality of Innovation and Venture - Advance Level*
  - 14 - Session 16: *Frugal Innovations and Social Entrepreneurship*
- Total no of sessions attended: 14*

Certificate no : 9463  
Date : 2020-07-07

  
Shri. Dipan Sahu  
National Coordinator, IIC  
MHRDs Innovation Cell



Scan to verify



University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/17/2020

**EDIGA CHANDRA SEKHAR**

has successfully completed

**Packet Switching Networks and Algorithms**

an online non-credit course authorized by University of Colorado System and offered through Coursera

*Xiaobo Zhou*

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/MZHD6HXJXDE5](https://coursera.org/verify/MZHD6HXJXDE5)  
Coursera has confirmed the identity of this individual and their participation in the course.



University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/17/2020

**EDIGA CHANDRA SEKHAR**

has successfully completed

**Fundamentals of Network Communication**

an online non-credit course authorized by University of Colorado System and offered through Coursera

*Xiaobo Zhou*

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/CXCB7Q9CT36P](https://coursera.org/verify/CXCB7Q9CT36P)  
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05/17/2020

**EDIGA CHANDRA SEKHAR**

has successfully completed

**Introduction to Electronics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

*Bonnie H. Ferri*

Professor Bonnie H. Ferri  
School of Electrical and Computer Engineering  
Georgia Institute of Technology

*Robert Allen Robinson*

Dr. Allen Robinson  
School of Electrical and Computer Engineering  
Georgia Institute of Technology

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University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/18/2020

**EDIGA CHANDRASEKHAR**

has successfully completed

**Peer-to-Peer Protocols and Local Area Networks**

an online non-credit course authorized by University of Colorado System and offered through Coursera

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

**COURSE  
CERTIFICATE**



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