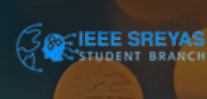




SREYAS

INSTITUTE OF ENGINEERING AND TECHNOLOGY
Affiliated to JNTUH, Hyderabad, Approved by AICTE, New
Delhi Accredited by NAAC



TECH-ZINE

2021

March-August

PUBLISHED BY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ABOUT ECE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 2011. The major objective of the Department is to impart high-quality education and research. All through its sparkling history, the department of ECE has been known for its exceptionally strong Under-Graduate training programs. Courses like Electronic devices and circuits, Signals & systems and Electric Circuits are introduced in the early semesters. Advanced courses and electives such as Analog & Digital Communications, Satellite communications, Radar systems and Wireless communications and networks in later years enable students to specialize in communications, signal processing, robotics, VLSI, embedded systems and other streams. Since its inception, the Department has progressed rapidly and is now regarded as one of the Premier Departments, with excellent infrastructure and quality Faculty members. The Department has MOUs with BSNL, Corel Technologies, Physitech, SS Electronics and Campus Image.

VISION

To excel in electronics & communication engineering education with the knowledge of innovation, research and ethics.

MISSION

- 1.To provide academic environment that promotes student centric learning through quality education and state of the art infrastructure.
- 2.To make the students aspire towards innovation and collaborative research to meet the technological needs of society.
- 3.To engage the students in activities which inculcate professional practices with social concern.

FACULTY CERTIFICATIONS

 **deeplearning.ai**

04/07/2020

VIJAY GOUD G

has successfully completed

AI For Everyone

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



Adjunct Professor Andrew Ng
Computer Science Department
Stanford University

COURSE CERTIFICATE



Verify at coursera.org/verify/ZLNAVIVj3zPK
Coursera has confirmed the identity of this individual and their participation in the course.

 **deeplearning**


04/07/2020

VIJAY GOUD G

has successfully completed


Neural Networks and Deep Learning

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



Adjunct Professor Andrew Ng
Computer Science

COURSE CERTIFICATE



Verify at coursera.org/verify/6CVUU426NN3z
Coursera has confirmed the identity of this individual and their participation in the course.



NATIONAL INSTITUTE OF
TECHNICAL TEACHERS'
TRAINING AND RESEARCH
(NITTTR) KOLKATA

(Established by the
Ministry of Education
Government of India)

Certificate of Participation

A. Sowjanya

has completed One Week

Short Term Training Programme through ICT Mode on
Complex Engineering Problems (CEP):

Role in NBA accreditation process

organised by this Institute

from 14th February to 18th February, 2022 successfully.

Dr. Arpan Kr. Mondal
Programme Coordinator (s)

Dr. R. Dasgupta

Dr. Sukanta Kumar Naskar
FIC, Training Cell, Academic Affairs

Prof. Debi Prasad Mishra
Director

VANDERBILT UNIVERSITY

Jan 22, 2022

Ashalatha Somiseti

has successfully completed

Introduction to Data, Signal, and Image Analysis
with MATLAB

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

Jitendra Kalia, Ph.D.
Assistant Professor
Computer Engineering, Computer Science, and Electrical Engineering

COURSE
CERTIFICATE



Verify at: coursera.org/verify/KHXA6EZ334CC

Coursera has confirmed the identity of this individual and their



UNIVERSITY
OF LONDON

COURSE
CERTIFICATE

Jan 21, 2022

ADAPA SOWJANYA

has successfully completed

Machine Learning for All

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



Dr Manoj Gillies
Computing Department,
Goldsmiths, University of London

Verify at coursera.org/verify/428D29MS77UA
Coursera has confirmed the identity of this individual and their
participation in the course.



Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL



This is to certify that

Sowjanya A

of

SREYAS INSTITUTE OF ENGINEERING & TECHNOLOGY, Telangana

has undergone Innovation Ambassador (IA) training 'Foundation Level' (Total 15 Sessions of
30 contact hours) conducted in online mode by MoE's innovation Cell & AICTE during
the IIC calendar year 2021-22.

Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell


Mr. Dipan Sahu
Assistant Innovation Director
MoE's Innovation Cell

Date of Issue: 22-07-2022

E-certificate No: IA/Foundation/1013013


STUDENT CERTIFICATIONS


Elite



NPTEL Online Certification

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






This certificate is awarded to

GAYAM SHIVAKANTH REDDY

for successfully completing the course




Microelectronics: Devices to Circuits

with a consolidated score of **77** %

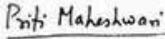
Online Assignments	24.06/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **154**




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


Jul-Oct 2021
(12 week course)



Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Elite



NPTEL Online Certification

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





This certificate is awarded to

PRAVALIKA NAVARI

for successfully completing the course



Programming in Java

with a consolidated score of **79** %

Online Assignments	24.35/25	Programming Exam	25/25	Proctored Exam	29.5/50
--------------------	----------	------------------	-------	----------------	---------

Total number of candidates certified in this course: **2649**



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

Jul-Oct 2021
(12 week course)



Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur





Elite

NPTEL Online Certification

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



This certificate is awarded to
VUTUKURI BHUVAN CHANDRA
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **69** %

Online Assignments	23.94/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3794**

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Elite

NPTEL Online Certification

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



This certificate is awarded to
KALLEM ADITHYA KRISHNA
for successfully completing the course

Microelectronics: Devices to Circuits

with a consolidated score of **65** %

Online Assignments	24.06/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **154**

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

Jul-Oct 2021
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee





Elite

NPTEL Online Certification

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



This certificate is awarded to
CHAPPADI SATHVIK
for successfully completing the course

Big Data Computing

with a consolidated score of **66** %

Online Assignments	24.58/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1394**

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Elite

NPTEL Online Certification

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



This certificate is awarded to
DACHEPALLI SATHVIK
for successfully completing the course

Big Data Computing

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	41.25/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **1394**

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur





Elite

NPTEL Online Certification

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



This certificate is awarded to
MODULAPURAM KAVITHA
for successfully completing the course
Programming in Java

with a consolidated score of **72** %

Online Assignments	18.31/25	Programming Exam	21.75/25	Proctored Exam	32/50
--------------------	----------	------------------	----------	----------------	-------

Total number of candidates certified in this course: **2649**

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Elite

NPTEL Online Certification

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



This certificate is awarded to
MOTURI ROHITH
for successfully completing the course

Big Data Computing

with a consolidated score of **61** %

Online Assignments	23.75/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1394**

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur





Elite

NPTEL Online Certification

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



This certificate is awarded to
SHUBHAM JAISWAL
for successfully completing the course

Microelectronics: Devices to Circuits

with a consolidated score of **60** %

Online Assignments	23.1/25	Proctored Exam	37/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **154**

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

Jul-Oct 2021
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Elite

NPTEL Online Certification

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



This certificate is awarded to
VADLA SUMANTH
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **63** %

Online Assignments	23.97/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3794**

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



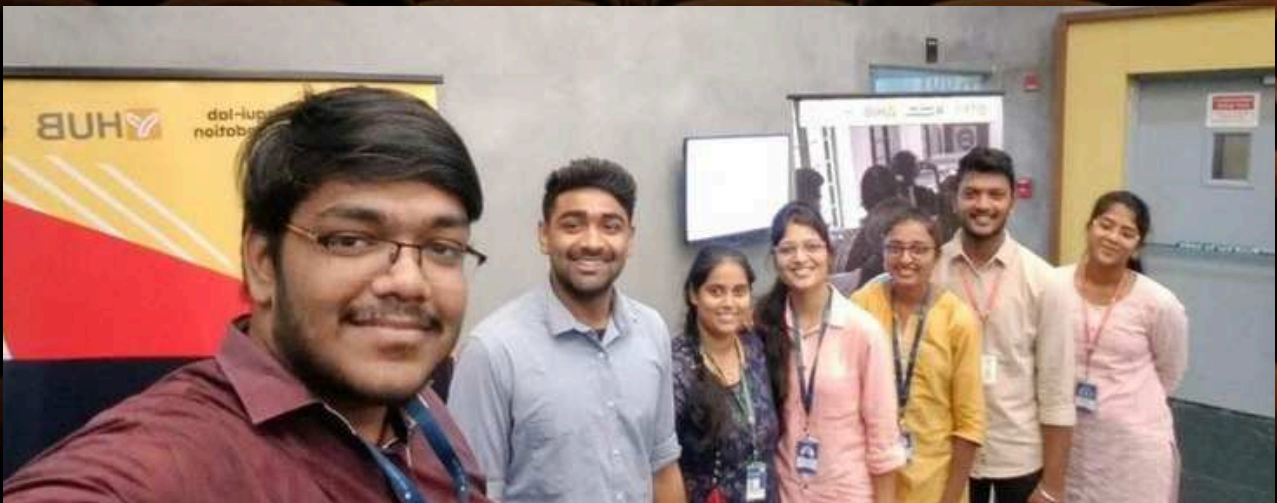
Indian Institute of Technology Kharagpur



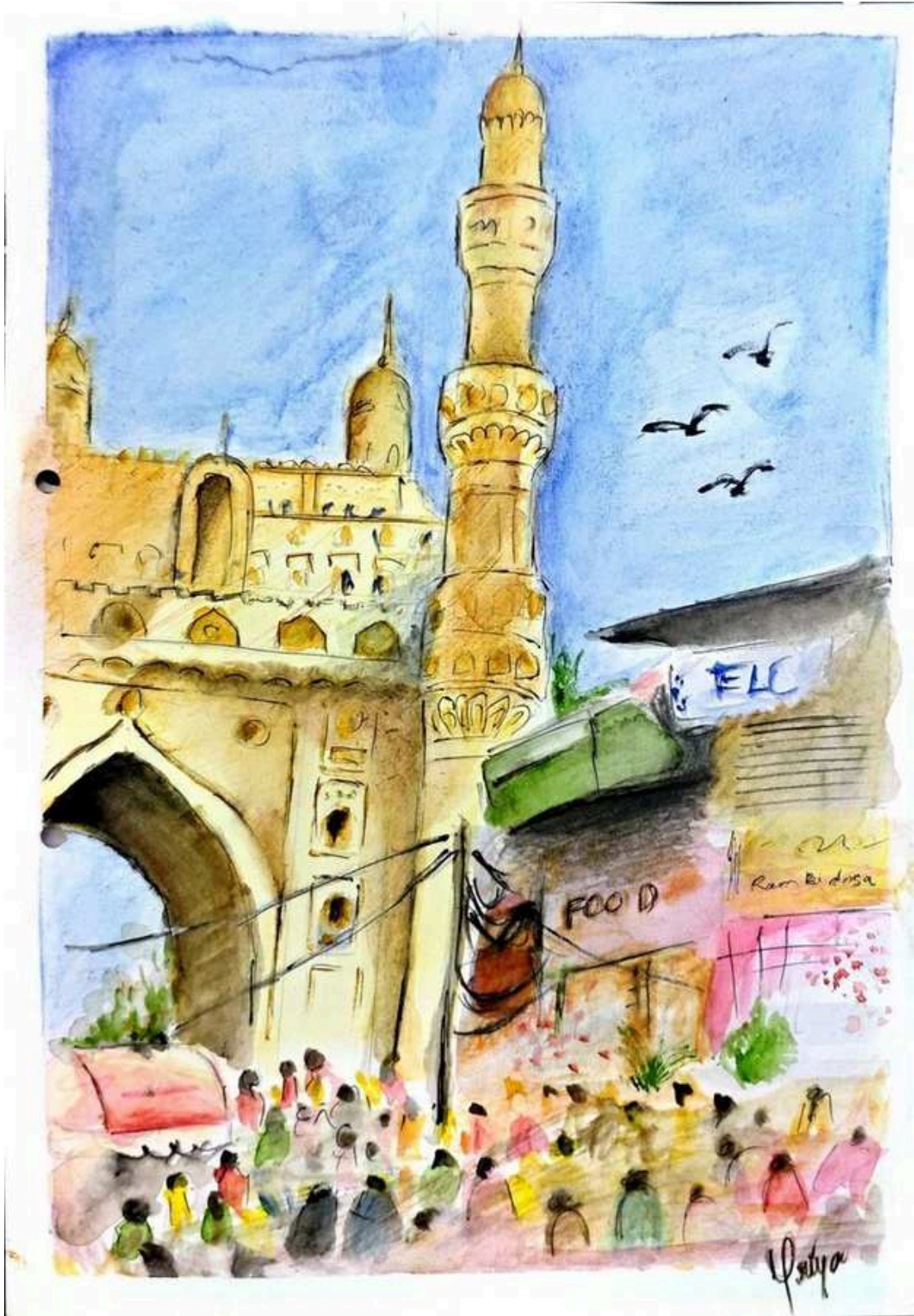
SRIYAM - 2K22



YOUTH FOR SOCIAL IMPACT CONFERENCE



PAINTING COMPETITION



Priya Nalla (20VE1A0421, ECE-A) dazzled the judges, securing first prize in the ECE department's painting competition.

GRADUATION DAY 2022



MOUs

S. No	Name of the MOU	Date of signed	Purpose of MoU	Duration
1	IUCEE FUNDATION	Jan 2, 2022	The vision of IUCEE is to improve the quality and global relevance of engineering education	1 year
2	IEEE -Hyderabad Section Skill Connect Programme	25/9/2021	Skill Development programme	2 years
3	Aon Consulting Private limited	28/12/2021	Student Career development	1 year
4	lead India 2020 foundation	Feb 12, 2021	Social development Programmes	1 year
5	PowerBytes technologies	Jun 3, 2022	Skill Development	3 years
6	Heartfulness Education Trust	24/05/2022	Ethical Guest Lectures	3 years
7	National institute of amateur Radio ,hyd	Jan 4, 2021	Skill based training , Education and research	1 year
8	IDP Education India private limited	25/2/2021	Student Career development, Education, and research	1 year
9	PupilFirst Pvt Ltd	Mar 8, 2021	Projects, Industrial Visits, Internships	1 year
10	Consilio Research Lab OU, Tallinn, Estonia	26/2/2021	Organize an international conference, proceedings publications	1 year
11	Girnarsoft Education Service Private Limited	30/4/2021	Student Career development	1 year

PLACEMENTS DATA



The ECE department achieved a strong placement record, successfully placing 194 students. This reflects the department's commitment to career readiness and industry connections.

S.No	Company Name	Students Placed	Packages(Lakhs)
1	ADP	1	500000
2	ARTECH Intelligence is human	1	480000
3	Broadridge Financial Solutions (India)	5	500000
4	Capgemini	20	400000
5	CSS Corp	1	320000
6	Ennea Solutions	1	570000
7	Ernst & Young Global	1	450000
8	FACE PREP	1	340000
9	Harman Connected Services	1	550000
10	Hexaware	5	350000
11	HPE	1	500000
12	IBM	1	450000
13	Infosys	5	950000-360000
14	INTELLIPAAT	1	900000
15	Logik Works Pvt. Ltd.	3	300000
16	Mindtree	8	450000
17	Mphasis	28	400000

S.No	Company Name	Students Placed	Package(lakhs)
18	NALSOFT	7	600000
19	NNIIT	15	500000
20	NPCI	2	700000-689000
21	Persistent	10	478000
22	Qspiders	1	350000
23	Revature	1	600000
24	Skill-Lync	1	360000
25	Sopra Steria (India) Limited	1	600000
26	TCS	5	340000
27	Tech Mahindra Limited	3	325000
28	TuringMinds.Ai	14	620000
29	Verzeo	5	300000
30	Vistex	1	300000
31	Wilco Source	3	350000
32	WinWire Technologies	2	420000
33	Wipro - ELITE	26	340000
34	Wipro - Velocity	11	650000
35	Wissen Infotech	1	300000
36	Zensar	1	400000



WORLD CLASS TECHNICAL CAMPUS

-WITHIN THE CITY



Editorial Board

Head of the Department	:	Dr. N. Murali Krishna, PhD. , Professor Ph: 9885837534, E-mail: muralikrishna.n@sreyas.ac.in
Editor In-Charge	:	Mr. B. Sreenivasu, (PhD.) ISTE, IETE, MISTE, Associate Professor Ph:9502251564, E-mail:srinivasu.b@sreyas.ac.in
Faculty Coordinator	:	Mr .G. Vijay Goud , M Tech - ACS , Associate Professor Ph: 9652083332, E-mail: vijay.g@sreyas.ac.in
Student Coordinator	:	C. Surendra Mahitha, 19VE1A0469 B. Akhila, 19VE1A04C9 G. Rachana, 20VE1A0408 R. Dharma Teja, 20VE1A0440 B. K. Anupam Mohan, 21VE1A04A0
