


**Chaitanya Bharathi Institute of Technology (A)**  
**Consolidated Statement of Details of students Registered for**  
**Additional Minor Engineering Degree**  
**During Academic year 2023-24**

S. No.	Name	Roll No.	Program	Semeste	Additional Minor Engineering	CREDITS EARNED
1	DIVYA REDDY DHAMMA	160120734004	EEE	VIII	Computer Engineering	2
2	P.SHASHANK	160120734050	EEE	VIII	Computer Engineering	17
3	S.SIDDARTH CHANDRA	160120734054	EEE	VIII	Internet of things	19
4	PAYYAVULA SUJITH	160120734057	EEE	VIII	Computer Engineering	17
5	PALLAVI ARUKONDA	160120734069	EEE	VIII	Internet of things	3
6	N.SAI ARUN REDDY	160120734074	EEE	VIII	Computer Engineering	6
7	ADITHYA BATTU	160120734086	EEE	VIII	Internet of things	15
8	DHARAVATH SAI KUMAR	160120734110	EEE	VIII	Computer Engineering	6
9	SHIVANADHULA SAITEJA	160120734111	EEE	VIII	Computer Engineering	3
10	GANDLA SAKETH KUMAR	160120734112	EEE	VIII	Computer Engineering	6
11	JHANSI KUNDURU	160120735124	ECE	VIII	AI & ML	5
12	NUKALA MALINI	160120735127	ECE	VIII	AI & ML	20
13	POTU DIXITH	160120735145	ECE	VIII	AI & ML	11
14	ANNEBOINA NIKHIL	160120735152	ECE	VIII	AI & ML	23
15	K.PRASHANTH	160120735154	ECE	VIII	Computer Engineering	21
16	BIJJARAM PRATHEEH REDDY	160120735155	ECE	VIII	Computer Engineering	11
17	MORA RAHUL TEJ	160120735156	ECE	VIII	AI & ML	20
18	JANJANAM REVANTH	160120735158	ECE	VIII	Cyber Security	22
19	CHADA SAIDEEP REDDY	160120735164	ECE	VIII	AI & ML	8
20	KOMRE SHRAVAN KUMAR	160120735171	ECE	VIII	AI & ML	8
21	BHATTA SHREE MEDHA	160120735023	ECE	VIII	AI & ML	16
22	N HARIPRIYA REDDY	160120735010	ECE	VIII	Computer Engineering	18
23	K BHANU PRAKASH	160120735141	ECE	VIII	Computer Engineering	23
24	G SRIKANTH	160120735175	ECE	VIII	AI & ML	6
25	ANIRUDH AKKINEPALLY	160120736012	MECH	VIII	Computer Engineering	14
26	A SATHWIK	160120736041	MECH	VIII	Computer Engineering	20

27	G VEERABHADRA	160120736050	MECH	VIII	Computer Engineering	5
28	VARUPULA ADITYA	160120736074	MECH	VIII	Computer Engineering	6
29	CH B SANKAR	160120736078	MECH	VIII	Computer Engineering	6
30	GAJULA JASHWANTH	160120736080	MECH	VIII	Computer Engineering	3
31	ALLAGADDA NAGAVISHNU	160120736089	MECH	VIII	Computer Engineering	11
32	KUMMARA PRANEETHRAM	160120736091	MECH	VIII	Computer Engineering	11
33	RISHAB ERRAMILLI	160120736093	MECH	VIII	Computer Engineering	8
34	M S SAWANTH	160120736101	MECH	VIII	Computer Engineering	17
35	M SHASHI KIRAN	160120736103	MECH	VIII	Computer Engineering	18
36	D YASHWANTH RAGHAVENDRA REDDY	160120736112	MECH	VIII	Internet of things	21

  
Incharge  
*Arden*

  
Director - AEC & CoE  
Director-AEC & CoE  
Chaitanya Bharathi Institute of Technology (V)  
Kokapet (V), Gandipet (M), Hyderabad-500 075

# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

## ACADEMIC AND EXAMINATION CELL

### Submission of Details for the award of HONORS DEGREE

Name of the Student : Neha Reddy Marapalli  
Roll Number : 1601-20-805-017  
E-mail Id : Neha.marapalli@gmail.com  
Department : BIOTECHNOLOGY  
Honors Degree : BIOTECHNOLOGY

### Details of the courses covered under the Honors degree

S No.	Course	Subject Code	Semester	Month and Year (NPTEL)			Duration of Course (in weeks)	Credits
				Start date	End date	Exam date		
1	Nanotechnology in Agriculture	CBIT/NPTE L/BT H12	IV	21-02-22	21-04-22	24-04-22	8	2
2	Forests and Their Management	CBIT/NPTE L/BT H17	IV	24-01-22	21-04-22	23-04-22	12	3
3	Conservation Geography	CBIT/NPTE L/BT H65	V	25-07-22	27-10-22	29-10-22	12	3
4	Wildlife Ecology	CBIT/NPTE L/BT H26	V	25-07-22	27-10-22	29-10-22	12	3
5	Enzyme Sciences and Technology	CBIT/NPTE L/BT H66	VI	23-01-23	24-04-23	29-04-23	12	3
6	Conservation Economics	CBIT/NPTE L/BT H16	VI	23-01-23	24-04-23	30-04-23	12	3
7	Maternal Infant Young Child Nutrition	CBIT/NPTE L/BT H45	VI	23-01-23	24-04-23	30-04-23	12	3
<b>Total No. of Credits</b>								<b>20</b>

\*Note: enclose all relevant certificates

*A Pandey*  
**HEAD**  
Dept. of Bio-Technology  
Chaitanya Bharathi Institute of Technology  
Gandipet, Hyderabad-500 075.

Recommendation of HOD/BOS Chairperson

# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

## ACADEMIC AND EXAMINATION CELL

### Submission of Details for the award of HONORS DEGREE

Name of the Student : JYOTHIKA MEENAKSHI KAMBHAMPATI

Roll Number : 160120805013

E-mail Id : [meenakshi.kambhampati11@gmail.com](mailto:meenakshi.kambhampati11@gmail.com) /  
[ugs209147 bio.jyothika@cbit.org.in](mailto:ugs209147.bio.jyothika@cbit.org.in)


Department : BIOTECHNOLOGY

Honors Degree : BIOTECHNOLOGY

#### Details of the courses covered under the Honors degree

S No	Course	Subject Code	Semester	Month and Year (NPTEL)			Duration of Course (in weeks)	Credits
				Start date	End date	Exam date		
1	Legal and Regulatory Issues in Biotechnology	CBIT/NPTEL/ BT H44	3	26 July, 2021	20 August, 2021	26 September, 2021	4	1
2	Ecology and environment	CBIT/NPTEL/ BT H27	3	August, 2021	October, 2021	24 October, 2021	8	2
3	Soft Nano Technology	CBIT/NPTEL/ BT H49	4	January, 2022	March, 2022	27 March, 2022	8	2
4	Nanotechnology in Agriculture	CBIT/NPTEL/ BT H12	4	February, 2022	April, 2022	21 February 2022	8	2
5	Forests and their Management	CBIT/NPTEL/ BT H17	4	January, 2022	April, 2022	24 January 2022	12	3
6	Conservation Geography	CBIT/NPTEL/ BT H65	5	July, 2022	October, 2022	29 October, 2022	12	3
7	Human Molecular Genetics	CBIT/NPTEL/ BT H20	6	January, 2023	February, 2023	26 March, 2023	4	1
8	Enzyme Sciences and Technology	CBIT/NPTEL/ BT H66	6	January, 2023	April, 2023	29 April, 2023	12	3
9	Conservation Economics	CBIT/NPTEL/ BT H16	6	January, 2023	April, 2023	30 April 2023	12	3
<b>Total No. of Credits</b>								<b>20</b>

\*Note: enclose all relevant certificates

  
**HEAD**  
Dept. of Bio-Technology  
Chaitanya Bharathi Institute of Technology  
Gandipet, Hyderabad-500 075.

Recommendation of HOD/BOS Chairperson

# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

## ACADEMIC AND EXAMINATION CELL

### Submission of Details for the award of HONORS DEGREE

Name of the Student : DIVYA PREMA SUROJU

Roll Number : 160120805009

E-mail Id : Divyadiv1627@gmail.com

Department : BIOTECHNOLOGY

Honors Degree : BIOTECHNOLOGY

### Details of the courses covered under the Honors degree

S No	Course	Subject Code	Semester	Month and Year (NPTEL)			Duration of Course (in weeks)	Credits
				Start date	End date	Exam date		
1	Maternal Infant Young Child Nutrition	CBIT/NPTEL/ BT H45	3	24/01/2022	15/04/2022	23/04/2022	12 weeks	3
2	Drug Delivery: Principles and Engineering	CBIT/NPTEL/ BT H33	5	25/07/2022	14/10/2022	30/10/2022	8 weeks	3
3	Technologies For Clean and Renewable Energy Production	CBIT/NPTEL/ BT H41	5	25/07/2022	16/09/2022	25/09/2022	8 weeks	2
4	Current regulatory requirements for conducting clinical trials in India for investigational new drugs/new drug (Version 3.0)	CBIT/NPTEL/ BT H40	5	25/7/2022	16/09/2022	25/09/2022	8 weeks	2
5	Conservation Geography	CBIT/NPTEL/ BT H65	5	25/07/2022	14/10/2022	29/10/2022	12 weeks	2
6	Nanotechnology In Agriculture	CBIT/NPTEL/ BT H12	6	23/01/2023	3/1/2023	17/02/2023	8 weeks	2
7	Forests and their management	CBIT/NPTEL/ BT H17	6	23/01/2023	4/1/2023	17/03/2023	12 weeks	3
8	Conservation Economics	CBIT/NPTEL/ BT H16	6	23/01/2023	4/1/2023	30/04/2023	12 weeks	3
<b>Total No. of Credits</b>								<b>20</b>

\*Note: enclose all relevant certificates

  
**HEAD**  
Dept. of Bio-Technology  
Chaitanya Bharathi Institute of Technology  
Gandipet, Hyderabad-500 075.

Recommendation of HOD/BOS Chairperson



**Chaitanya Bharathi Institute of Technology (A)**  
**Additional Minor Engineering Students During the Academic year 2023-24**

S. No.	Name	Roll No.	Program	Semester	Additional Minor Engineering	CREDITS EARNED
1	DIVYA REDDY DHAMMA	160120734004	EEE	VIII	Computer Engineering	2
2	P.SHASHANK	160120734050	EEE	VIII	Computer Engineering	17
3	S.SIDDARTH CHANDRA	160120734054	EEE	VIII	Internet of things	19
4	PAYYAVULA SUJITH	160120734057	EEE	VIII	Computer Engineering	17
5	PALLAVI ARUKONDA	160120734069	EEE	VIII	Internet of things	3
6	N.SAI ARUN REDDY	160120734074	EEE	VIII	Computer Engineering	6
7	ADITHYA BATTU	160120734086	EEE	VIII	Internet of things	15
8	DHARAVATH SAI KUMAR	160120734110	EEE	VIII	Computer Engineering	6
9	SHIVANADHULA SAITEJA	160120734111	EEE	VIII	Computer Engineering	3
10	GANDLA SAKETH KUMAR	160120734112	EEE	VIII	Computer Engineering	6

1	JHANSI KUNDURU	160120735124	ECE	VIII	AI & ML	5
2	NUKALA MALINI	160120735127	ECE	VIII	AI & ML	20
3	POTU DIXITH	160120735145	ECE	VIII	AI & ML	11
4	ANNEBOINA NIKHIL	160120735152	ECE	VIII	AI & ML	23
5	K.PRASHANTH	160120735154	ECE	VIII	Computer Engineering	21
6	BIJARAM PRATHEEH REDDY	160120735155	ECE	VIII	Computer Engineering	11
7	MORA RAHUL TEJ	160120735156	ECE	VIII	AI & ML	20
8	JANJANAM REVANTH	160120735158	ECE	VIII	Cyber Security	22
9	CHADA SAIDEEP REDDY	160120735164	ECE	VIII	AI & ML	8
10	KOMRE SHRAVAN KUMAR	160120735171	ECE	VIII	AI & ML	8
11	BHATTA SHREE MEDHA	160120735023	ECE	VIII	AI & ML	16
12	N HARIPRIYA REDDY	160120735010	ECE	VIII	Computer Engineering	18
13	K BHANU PRAKASH	160120735141	ECE	VIII	Computer Engineering	23
14	G SRIKANTH	160120735175	ECE	VIII	AI & ML	6

1	ANIRUDH AKKINEPALLY	160120736012	MECH	VIII	Computer Engineering	14
2	A SATHWIK	160120736041	MECH	VIII	Computer Engineering	20
3	G VEERABHADRA	160120736050	MECH	VIII	Computer Engineering	5
4	VARUPULA ADITYA	160120736074	MECH	VIII	Computer Engineering	6
5	CH B SANKAR	160120736078	MECH	VIII	Computer Engineering	6
6	GAJULA JASHWANTH	160120736080	MECH	VIII	Computer Engineering	3
7	ALLAGADDA NAGAVISHNU	160120736089	MECH	VIII	Computer Engineering	11
8	KUMMARA PRANEETHRAM	160120736091	MECH	VIII	Computer Engineering	11
9	RISHAB ERRAMILI	160120736093	MECH	VIII	Computer Engineering	8
10	M S SAWANTH	160120736101	MECH	VIII	Computer Engineering	17
11	M SHASHI KIRAN	160120736103	MECH	VIII	Computer Engineering	18
12	D YASHWANTH	160120736112	MECH	VIII	Internet of things	21

*Verified  
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AME

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)  
ACADEMIC AND EXAMINATION CELL

Submission of Details for the award of ADDITIONAL MINOR ENGINEERING DEGREE

Name of the Student: ANNEBOINA NIKHIL

Roll Number : 160120735152

E-mail id: [anneboinanikhil@gmail.com](mailto:anneboinanikhil@gmail.com)

Department: Electronics and Communication Engineering (ECE-3)  
Additional Minor Engineering Degree Name: CSE - AI & ML

Details of subjects covered under Minor Engineering

S. No	Course Name	Semester	Month and year(NPTEL)			Duration of Course(in weeks)	Credits	Pg No
			Start Date	End Date	Exam Date			
1	The Joy of Computing using Python	IV	24-01-2022	15-04-2022	23-04-2022	12 ✓	3 ✓	
2	Discrete Mathematics	IV	24-01-2022	15-04-2022	24-04-2022	12 ✓	3 ✓	
3	Introduction to Operating Systems	V	25-07-2022	16-09-2022	25-09-2022	8 ✓	2 ✓	
4	Digital Image Processing	V	25-07-2022	14-10-2022	29-10-2022	12 ✓	3 ✓	
5	Deep Learning	VI	23-01-2023	14-04-2023	30-04-2023	12 ✓	3 ✓	
6	Programming in Java	VII	24-07-2023	13-10-2023	29-10-2023	12 ✓	3 ✓	
7	Computer Vision	VII	24-07-2023	13-10-2023	28-10-2023	12 ✓	3 ✓	
8	Natural Language Processing	VII	24-07-2023	13-10-2023	28-10-2023	12 ✓	3 ✓	
Total No. of Credits						23		

\* Note: Enclose all the relevant certificates.

Recommendation of HOD/ BOS Chairperson

Ventur  
Dr. Ramakrishna (HOD)

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S23534909  
To  
ANNEBOINA NIKHIL  
6/5 RAJIV GRUHA KALPA, ALMASGUDA,  
BALAPUR MANDAL, RANGAREDDY DIST.  
HYDERABAD  
TELANGANA - 500058  
PH. NO :6281714900

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 MoE, Govt. of India)



This certificate is awarded to  
**ANNEBOINA NIKHIL**  
for successfully completing the course  
**The Joy of Computing using Python**

with a consolidated score of **73** %

Online Assignments	24.94/25	Programming Exam	25/25	Proctored Exam	23.41/50
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Total number of candidates certified in this course: 7438

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

Jan-Apr 2022  
(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.

Roll No: NPTEL22CS33S43530928  
To ANNEBOINA NIKHIL  
6/5 RAJIV GRUHA KALPA, ALMASGUDA,  
BALAPUR MANDAL, RANGAREDDY DIST.  
HYDERABAD  
TELANGANA - 500058  
PH. NO :6281714900

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 MoE, Govt. of India)



This certificate is awarded to  
**ANNEBOINA NIKHIL**  
for successfully completing the course

## Discrete Mathematics

with a consolidated score of **56** %

Online Assignments	23.75/25	Proctored Exam	31.76/75
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Total number of candidates certified in this course: 204

*Devendra Jalihal*

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

Jan-Apr 2022  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ANNEBOINA NIKHIL**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of 50 %

Online Assignments	20.42/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 567

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,  
Centre for Outreach and Digital Education, IITM



Indian Institute of Technology Madras

Jul-Sep 2022  
(8 week course)

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



To validate the certificate

No: NPTEL22CS78S23013165

No. of credits recommended: 2 or 3



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANNEBOINA NIKHIL**

for successfully completing the course

## Digital Image Processing

with a consolidated score of **71** %

Online Assignments	22.78/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **956**

Jul-Oct 2022  
(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



No: NPTEL22EE116S43691015



To validate the certificate

No. of credits recommended: 3 or 4





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ANNEBOINA NIKHIL**  
for successfully completing the course

## Deep Learning

with a consolidated score of 55 %

Online Assignments	17.19/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 1144

Jan-Apr 2023

(12 week course)

*Debjani*

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur



No: NPTEL23CS56S63751062

To validate the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANNEBOINA NIKHIL**

for successfully completing the course

## Programming in Java

with a consolidated score of **73** %

Online Assignments	24.85/25	Proctored Exam	48.5/75
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Total number of candidates certified in this course: **1713**

Jul-Oct 2023

(12 week course)

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL23CS74S837410324

To verify the certificate



No. of credits recommended: 3 or 4



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANNEBOINA NIKHIL**

for successfully completing the course

## Computer Vision

with a consolidated score of **60** %

Online Assignments	15.72/25	Proctored Exam	44.64/75
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Total number of candidates certified in this course: **830**

**Jul-Oct 2023**

(12 week course)

Indian Institute of Technology Kharagpur

*H. Banerji*  
**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



II No: NPTEL23CS77S537410035

To verify the certificate



No. of credits recommended: 3 or 4



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANNEBOINA NIKHIL**

for successfully completing the course

## Natural Language Processing

with a consolidated score of **52** %

Online Assignments	19.53/25	Proctored Exam	32.75/75
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Total number of candidates certified in this course: **626**

**Jul-Oct 2023**

(12 week course)

*Haimanti Banerji*

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

|| No: NPTEL23CS80S637410274

To verify the certificate



No. of credits recommended: 3 or 4



AME

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)  
ACADEMIC AND EXAMINATION CELL

Submission of Details for the award of ADDITIONAL MINOR ENGINEERING DEGREE

Name : SHASHANK PENCHALA

Roll Number : 160120734050

E-mail id : [shashankpenchala@gmail.com](mailto:shashankpenchala@gmail.com)

Department : ELECTRICAL AND ELECTRONICS ENGINEERING

Additional Minor Engineering Degree Name : COMPUTER ENGINEERING

Details of subjects covered under Minor Engineering

S. No.	Course Name	Semester	Month and year (NPTEL)			Duration of Course (in weeks)	Credits	Pg No	
			Start Date	End Date	Exam Date				
1	Discrete Mathematics	IV	JAN 2022	APR 2022	APR 2022	12 ✓	3 ✓		
2	The Joy of Computing using Python	IV	JAN 2022	APR 2022	APR 2022	12 ✓	3 ✓		
3	Cloud Computing	V	JUL 2022	AUG 2022	OCT 2022	12 ✓	3 ✓		
4	Computer Networks and Internet Protocol	VI	JAN 2023	APR 2023	APR 2023	12 ✓	3 ✓		
5	Introduction to Database Systems	VI	JAN 2023	APR 2023	APR 2023	12 ✓	3 ✓		
6	Introduction to Operating systems	VII	JUL 2023	SEP 2023	SEP 2023	8 ✓	2 ✓		
7	Deep Learning	VIII	JAN 2024	APR 2024	APR 2024	12 ✓	3 ✓		
Total No. of Credits							20		

\* Note: Enclose all the relevant certificates.

Recommendation of HOD/ BOS Chairperson

Vinod  
CDR - Ramu K  
(ITD)





# Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PENCHALA SHASHANK**  
for successfully completing the course

**Deep Learning**

with a consolidated score of **60** %

Online Assignments	16.88/25	Proctored Exam	43/75
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Total number of candidates certified in this course: **1317**

**Jan-Apr 2024**  
(12 week course)

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24EE04S957408228

To verify the certificate



No. of credits recommended: 3 or 4

vc

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S13530528

To  
PENCHALA SHASHANK  
H NO.T2 QUARTER NO.799, 8 INCLINE COLONY  
NEAR ABDUL KALAM STADIUM  
PEDDAPALLI  
TELANGANA - 505211  
PH. NO :9959205771

*(Handwritten mark)*

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 MoE, Govt. of India)



This certificate is awarded to

**PENCHALA SHASHANK**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **81** %



Online Assignments	24.94/25	Programming Exam	25/25	Proctored Exam	31.5/50
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Total number of candidates certified in this course: **7438**

*(Signature)*

Prof. Devendra Jalihal  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*(Signature)*  
Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS31S13530528

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.

Roll No: NPTEL22CS33S33533340

To  
PENCHALA SHASHANK  
H NO.T2 QUARTER NO.799, 8 INCLINE COLONY  
NEAR ABDUL KALAM STADIUM  
PEDDAPALLI  
TELANGANA - 505211  
PH. NO :9959205771

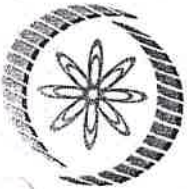
6

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 MoE, Govt. of India)



This certificate is awarded to  
**PENCHALA SHASHANK**  
for successfully completing the course

**Discrete Mathematics**

with a consolidated score of **60** %

Online Assignments	22.97/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **204**

*Devendra Jalihal*

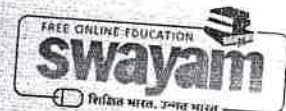
**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

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



Indian Institute of Technology Madras



Roll No: NPTEL22CS33S33533340

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



**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PENCHALA SHASHANK**  
for successfully completing the course

## Cloud Computing

with a consolidated score of **65** %

Online Assignments	24.91/25	Proctored Exam	40.55/75
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Total number of candidates certified in this course: **9640**

Jul-Oct 2022  
(12 week course)

*Debjani*  
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS87S53694380      To validate the certificate       No. of credits recommended: 3 or 4