

# NPTEL Online Certification

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



This certificate is awarded to

# **SUBRATA DE**

for successfully completing the course

Introduction to Research

with a consolidated score of 82 %

Online Assignments | 23.25/25 | Proctored Exam

58.5/75

Total number of candidates certified: 283

Jan-Mar 2017 (8 week course)

Prof . Andrew Thangaraj

**IIT Madras** 

Indian Ins

Centre for Continuing Education, IITM

Prof. A . Ramesh Chairman Indian Institute of Technology Madras



Roll No:NPTEL19CS12S31630117

TO SUBRATA DE RATHTALA VILL - PARUL HOOGHLY WEST BENGAL 712601 PH. NO :9434501583



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** 



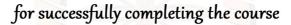
# **NPTEL-AICTE**Faculty Development Programme



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

This certificate is awarded to

# **SUBRATA DE**



# **Data Base Management System**

with a consolidated score of 85 %

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: NPTEL19CS12S31630117



Roll No:NPTEL19MA15S41630016

TO SUBRATA DE RATHTALA VILL - PARUL HOOGHLY WEST BENGAL 712601 PH. NO :9434501583



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

# **SUBRATA DE**



# Introduction to Automata, Languages and Computation

with a consolidated score of 88 %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Apr 2019)

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

Roll No: NPTEL19MA15S41630016



Roll No:NPTEL19CS84S41650694

TO SUBRATA DE
C/O - ARUN DE
VILL-PARUL(RATHTALA)
HOOGHLY
WEST BENGAL
712601
PH. NO :9434501583



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

# **SUBRATA DE**

for successfully completing the course

# **Programming In Java**

with a consolidated score of 94 %

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

To validate and check scores: http://nptel.ac.in/noc

Roll No: NPTEL19CS84S41650694



Roll No:NPTEL19CS69S61654225

TO SUBRATA DE
C/O - ARUN DE
VILL-PARUL(RATHTALA)
HOOGHLY
WEST BENGAL
712601
PH. NO :9434501583



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** 



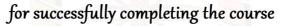
# **NPTEL-AICTE**Faculty Development Programme



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

This certificate is awarded to

## **SUBRATA DE**



# **Software Engineering**

with a consolidated score of 83 %

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:NPTEL19CS62S21561534

TO SUBRATA DE
BISALAKSHMI MONDIR ROAD
VILL-PARUL(RATHTALA)
HOOGHLY
WEST BENGAL
712601
PH. NO :9434501583



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** 



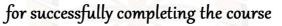
# **NPTEL-AICTE**Faculty Development Programme



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

This certificate is awarded to

# **SUBRATA DE**



# **Advanced Computer Architecture**

with a consolidated score of 90 %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Sep 2019)

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

To validate and check scores: http://nptel.ac.in/noc

Roll No: NPTEL19CS62S21561534



Roll No:NPTEL19CS38S11561414

TO SUBRATA DE
BISALAKSHMI MONDIR ROAD
VILL-PARUL(RATHTALA)
HOOGHLY
WEST BENGAL
712601
PH. NO :9434501583



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** 



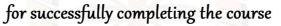
# **NPTEL-AICTE**Faculty Development Programme



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

This certificate is awarded to

# **SUBRATA DE**



**Programming in C++** 

with a consolidated score of 76 %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Sep 2019)

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

To validate and check scores: http://nptel.ac.in/noc

Roll No: NPTEL19CS38S11561414







### ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

# **AICTE Training And Learning (ATAL) Academy**

**Certificate** 

This to be certified that **ASIT BARMAN** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online** FDP on "**Artificial Intelligence**" from **11-05-2020** to **15-05-2020** at **Indian Institute of Information Technology Vadodara**.

James Sone

**Director ATAL Academies** 



Coordinator

Certificate No: ICT-1337/20

# National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

**ASIT BARMAN** 

# SILIGURI INSTITUTE OF TECHNOLOGY, SILIGURI WEST BENGAL

Participated in the AICTE Recognized Faculty Development Programme

on

**Internet of Things** 

Conducted by

**Computer Science and Engineering Department** 

from

10/04/2020 to 14/04/2020 (One Week)

at

NITTTR, Chandigarh



On a well-nestee

Coordinator

BEN

**Director** 





# CERTIFICATE OF APPRECIATION

# **SUBRATA DE**

for being recognized as NPTEL SUPER STAR

JUL-DEC 2019

Devendra galihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras

### **NPTEL SUPER STAR**

Candidate has to appear in 4 or more exams in a semester and be topper in at least 3 exams









# CERTIFICATE OF APPRECIATION TO

# **SUBRATA DE**

(Computer Science and Engineering)
for being recognized as NPTEL DISCIPLINE STAR
Dec 2019

Devendra galihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Prof. Andrew Thangaraj
NPTEL Coordinator

**IIT Madras** 

### NPTEL DISCIPLINE STAR

Candidate has to be certified in courses of same discipline, completed more than 50 weeks of learning, final score in each subject >=55





# National Programme on Technology Enhanced Learning

A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE





**Date: 15th June 2020** 

To Whomsoever it may concern

This is to confirm that DEBADITYA KUNDU (Email id: debaditya.kundu@gmail.com) had enrolled to the NPTEL course **Discrete Mathematics** (12 Weeks) on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and maybe used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1:100	A1:90	A1:100	A1:90	A1:100	A1:80	A1:100	A1:90	A1:100	A1:100	A1:100	A1:90

\*NA- Not Attempted



Prof. Andrew Thangaraj
NPTEL Coordinator

IIT 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: NPTEL20CS37S1653028

TO
DEBADITYA KUNDU
VIVEKANANDA PURAM, RAMAKRISHNA
SARANI.RACECOURSE
JALPAIGURI
WEST BENGAL-735101
PH. NO:9475140007



### 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

### **DEBADITYA KUNDU**

for passing the course

# **Discrete Mathematics**

with Score\* 99 %



Devendra Jalihal

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

Jan-Apr 2020 (12 week course) Prof. Andrew Thangaraj

NPTEL Coordinator

IIT 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: NPTEL20CS17S1628843

TO
DEBADITYA KUNDU
VIVEKANANDA PURAM, RAMAKRISHNA
SARANI.RACECOURSE
JALPAIGURI
WEST BENGAL-735101
PH. NO:9475140007



### 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

### **DEBADITYA KUNDU**

for passing the course



with Score\* 97 %



A. Goshami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator IIT Kharagpur

Jan-Mar 2020 (8 week course)



FREE ONLINE EDUCATION SWADON OF THE PROPERTY O



Roll No:NPTEL19CS41S62150009

TO DEBADITYA KUNDU
VIVEKANANDA PURAM, RAMAKRISHNA SARANI.
RACECOURSE

JALPAIGURI WEST BENGAL 735101 PH. NO :9475140007



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

# **DEBADITYA KUNDU**

for successfully completing the course

# The Joy of Computing Using Python

with a consolidated score of 78 %

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: NPTEL19CS41S62150009

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: NPTEL19CS41S62150009

To DEBADITYA KUNDU VIVEKANANDA PURAM, RAMAKRISHNA SARANI. RACECOURSE

JALPAIGURI WEST BENGAL 735101

PH. NO:9475140007



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

### **DEBADITYA KUNDU**

for successfully completing the course



# The Joy of Computing Using Python

with a consolidated score of 78 %

Online Assignments | 24.75/25 | Programming Exam | 25/25 | Proctored Exam | 28/50

Total number of candidates certified in this course: 8505

Prof. Devendra Jalihal

Devendra Jalihal

Chairman
Centre for Continuing Education, IITM

Jul-Oct 2019 (12 week course) Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras











# **MARKSHEET**

Name: **DEBADITYA KUNDU** 

DOB: 10-11-1981

			Mo	ırks	Total		
Discipline	Year	Course Name	Assignment (25%)	Exam (75%)	Total Marks (100%)	Status	Performance
CS	2019	The Joy of Computing using Python	49.75	28	78	Pass	Elite + Silver
NF	TEL	NPTEL NPTEL		NPTE		NP	TEL
NF	TEL	NPTEL NPTEL		NPTE		NP	TEL
NF	TEL	NPTEL		NPTE		NP	TEL
NF	TEL	NPTEL NPTEL		NPTE		NP	TEL
NF	TEL	NETEL NPAEL		APTE		NP	TEL
NF	TEL	NEID NIGHT		AST.	_	NP	TEL
NF	TEL	PEDEL CHILL	7/	NPTA	_	NP	TEL
NF	TEL	NOTEL WYEL		NRIF		NP	TEL
NF	TEL	NEW EL WATER		NRIE		NP	TEL
NF	TEL	NEEL XIII		NATE		NP	TEL
NF	TEL	NPTL (NIVEL)		NRIE		NP	TEL
NF	TEL	NPTEL NATEL			_	NP	TEL
NF	TEL	NPTEL NPTEL		NOTE:	_	NP	TEL
NF	TEL	NPTEL NPTEL		APTE	_	NP	TEL
NF	TEL	NPTEL NETE		NPTE	_	NP	TEL
NF	TEL	NPTEL NPTEL		NPTE	-	NP	TEL
NF	TEL	NPTEL NPTEL		NPTE	-	NP	TEL
NF	TEL	NPTEL NPTEL		NPTE		NP	TEL
NF	TEL	NPTEL NPTEL		NPTE		NP	TEL
MIE	MEI	MIDTEL MIDTEL		MIDTE		NID	TEI

PROF. ANDREW THANGARAJ

NPTEL COORDINATOR

IIT MADRAS

ID	DEPARTMENT NA	AME	
DTFI	NPTFI NPTFI	NPTFI	NPT
AE	Aerospace Engineering		MDT
AG	Agriculture		NPI
CE	Architecture		NPI
BT	Biotechnology		NPT
СН	Chemical Engineering		NPT
CY	Chemistry and Biochemistry		MDT
CE	Civil Engineering		MDT
CS	Computer Science and Engineering		NPI
EE	Electrical Engineering		NPT
EC	Electronics & Communication Engineering		NPT
ED	Engineering Design		NPT
BT	General		NDT
HS	Humanities and Social Sciences		MET
MG	Management		NPI
MA	Mathematics		NPT
ME	Mechanical Engineering		NPT
MM	Metallurgy and Material Science		NPT
MM	Mining Engineering		NDT
GE	Multidisciplinary		NIDT
OE	Ocean Engineering		NPI
PH	Physics		NPT
SS	Special Lecture Series		NPT
DE	Textile Engineering		NPT
PTEL	NPTEL NPTEL		NPT
PTEL	NPTEL NPTEL		NPT
PTFI	NPTEL NPTEL		NPT
DTEI	NPTEL NPTEL		NPT
	ATTEL NOTEE	NETEL	NET

Total Mark
>=90
75-89
>=60

Performance
Elite + Gold
Elite + Silver
Elite

# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE





**Date: 15th June 2020** 

To Whomsoever it may concern

This is to confirm that DEBADITYA KUNDU (Email id: debaditya.kundu@gmail.com) had enrolled to the NPTEL course **Introduction To Soft Computing (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and maybe used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1:93	A1:100	A1:100	A1:93	A1:100	A1:93	A1:93	A1:93

\*NA- Not Attempted



Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras







### ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

# **AICTE Training And Learning (ATAL) Academy**

# **Certificate**

This is certified that Sathi Ball, Assistant Professor of Siliguri Institute of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" from 2020-11-2 to 2020-11-6 at Hindusthan College of Engineering and Technology.

Jamesan

**Director ATAL Academies** 





Coordinator



Roll No:NPTEL19HS32S52150041

TO SATHI BALL

86 INDRAPRASTHA

PO: HRIDAYPUR

NORTH 24 PARGANAS

WEST BENGAL

700127

PH. NO :9433229324



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

**SATHI BALL** 



for successfully completing the course

**Developing Soft Skills and Personality** 

with a consolidated score of 86 %

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: NPTEL19HS32S52150041



Roll No:NPTEL19CS41S62150013

TO SATHI BALL

86 INDRAPRASTHA

PO: HRIDAYPUR

NORTH 24 PARGANAS

WEST BENGAL

700127

PH. NO :9433229324



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

**SATHI BALL** 



for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of 79 %

Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras

ordinator (Jul-Oct 2019)

Prof. Dileep N. Malkhede

Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19CS41S62150013