



NPTEL 2022-23

Sl.No.	Name of the students	Registration No.	Subjects
1	ABHILIPSA BEHERA	2205271001	Introduction To Internet of Things
2	ABHITESH KUMAR OJHA	2205271002	Management Information System
3	ADITYA SAHOO	2205271004	Cloud Computing
4	BADAL JAYASINGH	2205271007	Introduction To Internet of Things Management Information System
5	BHANUPRIYA PARHI	2205271008	Introduction To Internet of Things
6	BIDISHA OJHA	2205271009	Introduction To Internet of Things
7	BIKRAM PATRA	2205271010	Management Information System Introduction To Internet of Things
8	BIPUL KUMAR SAHOO	2205271011	Management Information System
9	BISWA PRAKASH DAS	2205271012	Introduction To Industry 4.0 And Industrial Internet of Things
10	BISWANATH TRIPATHY	2205271013	Management Information System Intellectual Property Rights Introduction To Industry 4.0 And Industrial Internet of Things
11	BUBUNA NAYAK	2205271014	Cloud Computing
12	DAYANIDHI GAYA BEHERA	2205271016	Introduction To Internet of Things
13	DEBASIS TRIPATHY	2205271017	Management Information System Introduction To Internet of Things

P.J. College of Management & Technology



+91 94373 86499



pjcmcollege@gmail.com



SWASTIC NAGAR, P.O. - Bankura, West Bengal, 721133 (C/o) Adjacent to NH-503, Bhubaneswar - 751002

14	DIHYALOCIAN MAHANTA	2205271018	Deep Learning
15	DIGAMBAR BARIK	2205271035	Management Information System Introduction To Internet of Things
16	HIMANSHU SHEKHAR MALLICK	2205271024	Management Information System Cloud Computing Introduction To Internet of Things
17	INDRANI SINGH	2205271025	Management Information System Cloud Computing Introduction To Internet of Things
18	JHANSI RANI MOHANTA	2205271026	Introduction To Internet of Things
19	JYOTIPRAKASH DAS	2205271027	Cloud Computing
20	LIPSA KHUNTIA	2205271029	Introduction To Internet of Things Management Information System Cloud Computing
21	LIPTON MAHANTA	2205271030	Introduction To Internet of Things Cloud Computing
22	MANOJ KUMAR JENA	2205271032	Introduction To Internet of Things Management Information System Cloud Computing Introduction To Industry 4.0 And Industrial Internet of Things
23	NIBEDITA SAHOO	2205271035	Introduction To Internet of Things
24	PHALGUNI RAJGURU RAYASINGH	2205271038	Introduction To Internet of Things
25	PRADYUMNA KUMAR BEHERA	2205271039	Introduction To Internet of Things
26	PRIVANKA MALLICK	2205271041	Management Information System
27	RABINDRA KUMAR SAHOO	2205271042	Introduction To Internet of Things
28	SANJIT KUMAR GADANAYAK	2205271044	Management Information System Introduction To Internet of Things
29	SANSHYAKANI MOHANTY	2205271046	Management Information System Cloud Computing Introduction To Industry 4.0 And Industrial Internet of Things
30	SARITA BEHERA	2205271047	Cloud Computing Introduction To Internet of Things
31	SARMISTHA PARIDA	2205271048	Management Information System Cloud Computing Introduction To Internet of Things
32	SATYANANDA NAIK	2205271050	Introduction To Internet of Things
33	SEXILAR PRADHAN	2205271051	Computer Graphics Cloud Computing Introduction To Industry 4.0 And Industrial Internet of Things
34	SUREETAM PRADHAN	2205271052	Cloud Computing Introduction To Internet of Things
35	SURAV KUMAR PANDA	2205271056	Management Information System Introduction To Internet of Things
36	SUDARSHAN BISWAL	2205271057	Management Information System Introduction To Internet of Things

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37	SWAPNESWAR NATH	2205271058	Management Information System
			Cloud Computing
			Introduction To Internet of Things
38	TANMAY KUMAR MAHANTA	2205271059	Management Information System
			Introduction To Internet of Things
39	TRILOCHAN PRADHAN	2205271062	Cloud Computing
			Introduction To Internet of Things

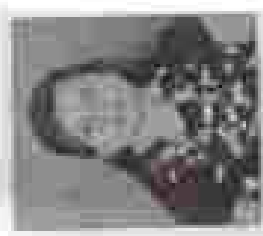




Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ABHILIPSA BEHERA

for successfully completing the course

Introduction to Internet of Things

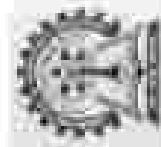
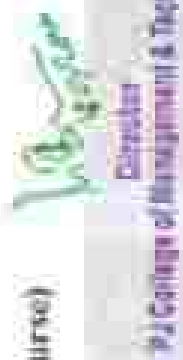
with a consolidated score of **62** / 56

Online Assignments	24.35/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 25880

Prof. Naimanti Banerji
 Coordinator, NPTEL
 IIT Kharagpur

Jul-Oct 2023
 (12 week course)



Indian Institute of Technology Kharagpur



Roll No: IITKGP12065035763095004

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

ABHITESH KUMAR OJHA

for successfully completing the course

Management Information System

with a consolidated score of **50** %

Online Assignments	15.94/25	Proctored Exam	33.68/75
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Total number of candidates certified in this course: 4345

Jul-Oct 2023

(12 week course)



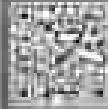
Indian Institute of Technology Kharagpur

Abhitesh

Director
AI Course of Management & Technology

Haimanti

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Roll No. NPTEL23MCETSA33D01059

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

ADITYA SAHOO

for successfully completing the course

Cloud Computing

with a consolidated score of **56** %

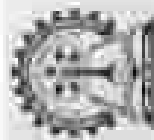
Online Assignments	25/25	Proctored Exam	30.86/75
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Total number of candidates certified in this course: **16686**

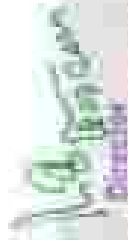
Jul-Oct 2023

(12 week course)

Prof. Himanti Bhanerji
 Prof. Himanti Bhanerji
 Coordinator, NPTEL
 IIT Shriharipur



Indian Institute of Technology Kharagpur

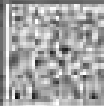


Full Professor of Management & Technology



Roll No: NPTEL2023080300001681

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

ADITYA SAHOO

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **68** %

Online Assignments	24.78/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Dr. Harmanth Banerji

Prof. Harmanth Banerji
Chairman, NPTEL
IIT Madras



Indian Institute of Technology Kharagpur



MBA Forum
Biju College of Management & Technology

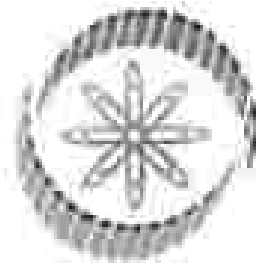


Roll No.: NPTEL-2023-2024-001057

To verify the Certificate

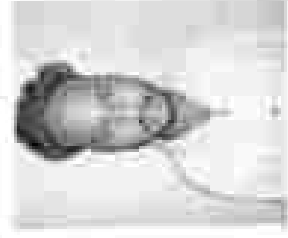


No. of certificates returned: 30/4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BADAL JAYASINGH

for successfully completing the course

Management Information System

with a consolidated score of **49** %

Online Assignments	17.19/25	Proctored Exam	31.38/75
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Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Prof. Himanti Barmati
Coordinator, NPTEL

FTMOE/PT



Indian Institute of Technology, Mumbai

Director
IIT Bombay
Centre of Management & Technology



Roll No: NPTEL23M3375893093879

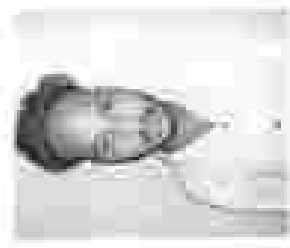
To verify the certificate

No. of candidates certified: 4345



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BADAL JAYASINGH

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **53** %

Online Assignments	22.53/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **25880**

Jul-Oct 2023

(12 week course)

Rajmamt Banerji

Prof. Rajmamt Banerji
Coordinator, NPTEL
IT Manager



Indian Institute of Technology Kharagpur

Vijay Kumar

Director
PA College of Management & Technology

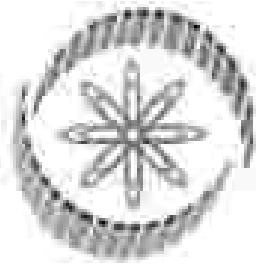


Form No. - NPTEL/EDS/ESB/IT/EN/ISS/6/27

To verify the certificate:



No. of credits mentioned: 03.014



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BHANUPRIYA PARHI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **48** %

Online Assignments	14.97/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Prof. Harimathi Bapuji
Coordinator, NPTEL
(IIT Kharagpur)



Indian Institute of Technology Kharagpur

Director
IN College of Management & Technology



Roll No: NPTEL2305630631001120

To verify this certificate

No. of credits recognised: 3.0/4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BIDISHA OJHA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **65** %

Online Assignments	24.56/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course-25880

Jul-Oct 2023

(12 week course)

Prof. Madhanti Banerji
Coordinator, NPTEL
IIT Kharagpur



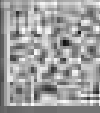
Indian Institute of Technology Kharagpur

Director
NPTEL
National Centre of Management & Technology



Roll No: NPTEL202305016756300172

To verify the certificate



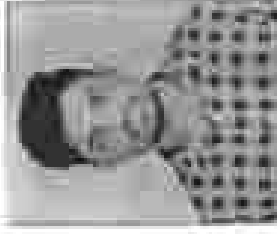
No. of credits recommended: 3 of 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BIKRAM PATRA

for successfully completing the course

Management Information System

with a consolidated score of **60** %

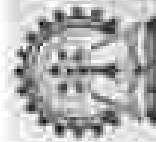
Online Assignments	22.19/25	Proctored Exam	37.74/75
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Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Prof. Minamati Banerji
Coordinator, NPTEL
IIT Bombay



Indian Institute of Technology, Kharagpur

Dr. Debjit Ghosh
Director
AI College of Management & Technology



Roll No: NPTEL23XCO198831045109

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

BIKRAM PATRA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **61** %

Online Assignments	24.56/25	Proctored Exam	36/75
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Total number of candidates certified in this course-25880

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Sannamay NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Director
IIT College of Management & Technology



Roll No: NPTEL23CS6357A3804G26

To verify the certificate:

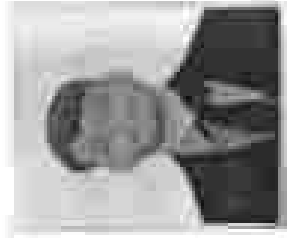
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BIPUL KUMAR SAHOO

for successfully completing the course

Management Information System

with a consolidated score of **66** %

Online Assignments	22.81/25	Proctored Exam	43.62/75
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Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Haimanti Banerji

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Abhishek
Coordinator
IIT College of Management & Technology

Abhishek
Coordinator
IIT College of Management & Technology



Roll No: NPTEL23AUG878833001206

To verify this certificate

(No. of credits recommended: 3 cr.)



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BISWA PRAKASH DAS

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **57** %

Online Assignments	24.35/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 9534

Jul-Oct 2023

(12 week course)

Prof. Haimanti Barwari
Coordinator, IITM,
IIT Kharagpur



Indian Institute of Technology Kharagpur

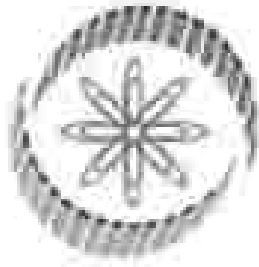
Director
School of Management & Technology



Roll No.: NPTEL2308020503001220

To verify the certificate

No. of credits accumulated: 3.00/4



NPTEL Online Certification

Funded by the MoE, Govt. of India

This certificate is awarded to

BISWANATH TRIPATHY

for successfully completing the course

Management Information System

with a consolidated score of **77** %

Online Assignments	23.44/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Prof. Himant Banerji
Coordinator, NPTEL
IIT Guwahati



Indian Institute of Technology Guwahati



Director

NPTEL
National Programme on Technology e-Governance



Roll No: NPTEL2023MGT57203000007

To verify this certificate

No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BISWANATH TRIPATHY

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **64** %

Online Assignments	25/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 9534

Jul-Oct 2023

(12 week course)

Prof. Himantini Banerji

Prof. Himantini Banerji
Associate NPTEL
Facilitator



Director

ICET, Indian Institute of Management & Technology



Indian Institute of Technology, Kharagpur



Roll No: NPTEL2005025651003005

To verify the certificate

No. of credits earned in this course: 5.0000



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BUBUNA NAYAK

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	24.75/25	Proctored Exam	30.1/75
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Total number of candidates certified in this course: 16686

Jul-Oct 2023

(12 week course)

Prof. Naimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology (Kharagpur)



Director
MBA Group
IIT College of Management & Technology



Roll No.: NPTEL23CS80881004400

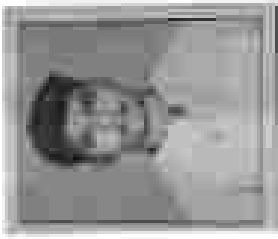
To verify the certificate

No. of credits recommended: 3 of 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

DAYANIDHI GAYA BEHERA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **54** %

Online Assignments	24.16/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Prof. Haimanti Barooji
Coordinator, NPTEL
IIT Madras



Indian Institute of Technology Kharagpur

Director
College of Management & Technology



Roll No: NPTEL23GSU3SP220400003

To Verify the certificate

No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MBE, Govt. of India)



This certificate is awarded to

DEBASIS TRIPATHY

for successfully completing the course

Management Information System

with a consolidated score of **67** %

Online Assignments	23.79/25	Proctored Exam	42.75/75
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Total number of candidates certified in this course: 4345

Jul-Oct 2023

(12 weeks course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Madras



Indian Institute of Technology Kharagpur

Director

College of Management & Technology



Roll No: NPTEL23MGT5025300559

To verify this certificate



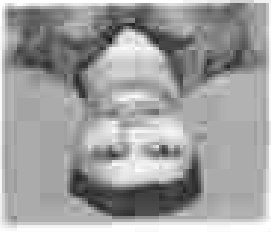
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

OEBASIS TRIPATHY

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **73** %

Online Assignments	24.78/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Haimanti Banerjee

Prof. Haimanti Banerjee
Coordinator, NPTEL
IIT Madras



Indian Institute of Technology Madras

Haimanti Banerjee

Director
IIT Centre of Management & Technology



Roll No.: NPTEL20230805000000

To verify the certificate

No. of credits recommended: 3.00 cr.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
DIBYALOCHAN MAHANTA
for successfully completing the course

Deep Learning

with a consolidated score of **50** %

Online Assignments	20/28/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1504**

Devedra Jallhal

Prof. Devedra Jallhal

Director
Centre for Distance and Open Education, IITM



Indian Institute of Technology Madras

Jul-Oct 2023

(12 week course)

Prof. Andrew Thompson

Prof. Andrew Thompson
EPRI, Corporate
IT Madras



Director

IT College of Management & Technology



To verify the certificate

Roll No: NPTEL20231102855002060

No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

DIGAMBAR BARIK

for successfully completing the course

Management Information System

with a consolidated score of **66** %

Online Assignments	23.75/25	Proctored Exam	42/75
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Total number of candidates certified in this course: 4345

Haimanti Bhanerji

Prof. Haimanti Bhanerji
Coordinator, NPTEL
IIT Madras

Jul-Oct 2023

(12 week course)



Indian Institute of Technology Kharagpur



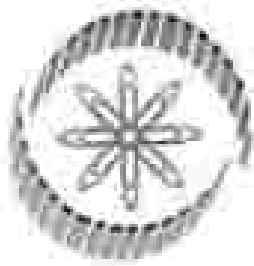
Director
Centre for Management & Technology



To verify this certificate

Roll No. NPTEL23MCS9737031000209

No. of credits recommended: 3 (or 4)



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

DIGAMBAR BARIK

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course-25880

Jul-Oct 2023

(12 week course)

Digambar Barik
 Prof. Digambar Barik
 Coordinator, NPTEL
 IIT Kharagpur



Indian Institute of Technology Kharagpur

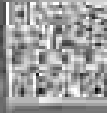


Director
NPTEL Centre of Management & Technology



Roll No: NPTEL2023090563900506

To verify the certificate



No. of copies recommended: 1/1/4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

HIMANSHU SHEKHAR MALLIK

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

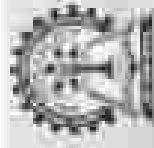
Online Assignments	25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 16686

Jul-Oct 2023

(12 week course)


Prof. Himanshu Bannerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology, Kharagpur



Roll No. NPTEL2303001504690180

To verify the certificate



No. of credits recommended: 1 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

HIMANSHU SHEKHAR MALLIK

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **67** %

Online Assignments	24.56/25	Proctored Exam	42/75
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Total number of candidates certified in this course: 25880

Prof. Himanshu Bhanot
Coordinator, NPTEL
IIT Kanpur

Jul-Oct 2023

(13 week course)



Indian Institute of Technology Kharagpur



Director
IIT Kharagpur
Faculty of Management & Technology



To verify the certificate

NPTEL2605232725400002

Nb. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

INDRANI SINGH

for successfully completing the course

Management Information System

with a consolidated score of **67** %

Online Assignments	23.44/25	Proctored Exam	43.62/75
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Total number of candidates certified in this course: 4345

Jul-Oct 2023

(12 week course)

Prof. Maimanti Banerji
Coordinator, NPTEL
IT Strategy



Indian Institute of Technology Kharagpur

Director
Faculty of Management & Technology



Roll No: NPTELXMG8758830109727

To verify the certificate

No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MHE, Govt. of India)



This certificate is awarded to

INDRANI SINGH

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Raimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Director
College of Management & Technology



Roll No.: NPTEL23CS601150400226

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

INDRANI SINGH

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **69** %

Online Assignments	24/16/25	Proctored Exam	45/75
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Total number of candidates certified in this course-25880

Jul-Oct 2023

(12 week course)

Prof. Halmani Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Director
College of Management & Technology



Roll No: NPTEL23CS815750401000

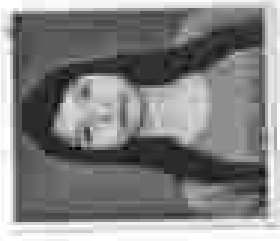
To verify the certificate

(No. of credits recommended is 0.00)



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JHANSI RANI MOHANTA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **55** %

Online Assignments	23.94/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course:25880

Jul-Oct 2023

(12 week course)

Prof. Kaimantu Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Director
College of Management & Technology



Roll No. NPTEL20CS49B833005907

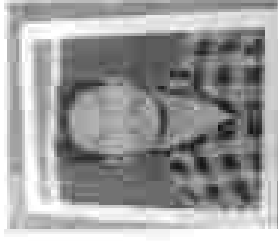
Verify the certificate

No. of credits recommended: 3 cr.4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JYOTI PRAKASH DAS

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	24.13/25	Proctored Exam	30.87/75
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Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerjee

Prof. Haimanti Banerjee
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology, Kharagpur

Dr. Jayaraman

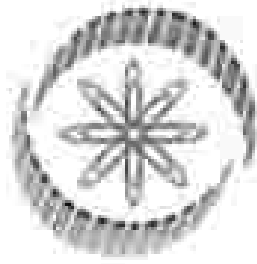
Dr. Jayaraman
Director
IIT College of Management & Technology



(Roll No: NPTELCS23SS00300079)

To verify the certificate

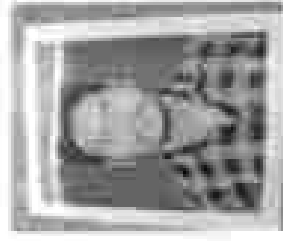
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to:

JYOTI PRAKASH DAS

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	23.94/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **25880**

Jul-Oct 2023

(12 week course)

Prof. Himanti Bamerji

Prof. Himanti Bamerji

Coordinator, NPTEL

IT, IIT Madras



Indian Institute of Technology Kharagpur

Dr. Ananta Kumar

Director

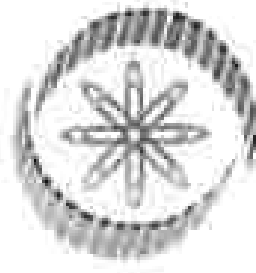
IC College of Management & Technology



Roll No: NPTEL2023080889401173

Verify the certificate

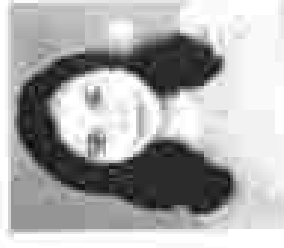
NPTEL Online Certification Portal



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

LIPSA KHUNTIA

for successfully completing the course

Management Information System

with a consolidated score of **64** %

Online Assignments	23.75/25	Proctored Exam	39.8/75
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Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Lalita Banerjee

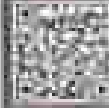
Prof. Lalitkumari Banerjee
Candidate In-Cell
IT Manager



Indian Institute of Technology Bombay



NPTEL
Centre
IIT Bombay



IRMINO: NPTEL2023M00169

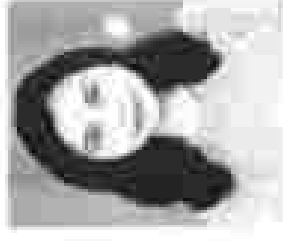
To verify the certificate

No. of credits recognized: 9/0/4



NPTEL Online Certification

(Funded by the MHE, Govt. of India)



This certificate is awarded to

LIPSA KHUNTIA

for successfully completing the course

Cloud Computing

with a consolidated score of **58** %

Online Assignments	24.75/25	Proctored Exam	32.98/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course:16686

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Chairman, NPTEL
IIT Chicago



Indian Institute of Technology/Kharagpur

Director
NPTEL
Prof. Collette de Souza
IIT Hyderabad



Roll No: NPTEL23CS990940640194

To verify the certificate



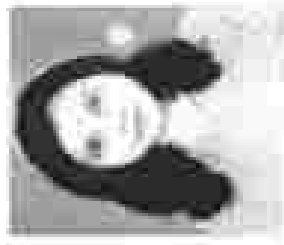
NPTEL Online Certification 3/01/4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

LIPSA KHUNTIA



for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **76** %

Online Assignments	24.78/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 25880

Prof. Haimanti Banerji

Prof. Haimanti Banerji
Coordinator, IITL
IIT Kharagpur

Jul-Oct 2023

(12 week course)



Indian Institute of Technology Kharagpur



Swamiji
College of Management & Technology



Roll No: NPTEL2023052788400000

To verify the certificate

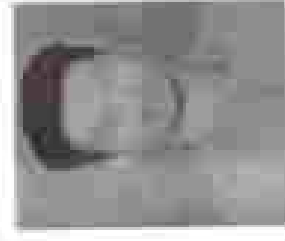


No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

LIPTON MAHANTA

for successfully completing the course

Cloud Computing

with a consolidated score of **54** %

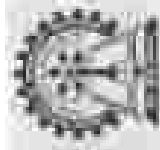
Online Assignments	23.65/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Madras



Indian Institute of Technology Madras

Director
IIT College of Management & Technology



#RollNo: NPTEL2023085038001316

To verify the certificate

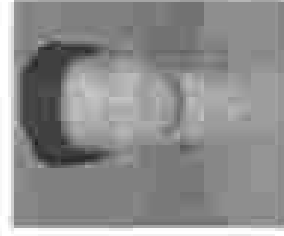
No. of credits recommended: 3cr/4



Elite

NPTEL Online Certification

(funded by the MoE, Govt. of India)



This certificate is awarded to

LIPTON MAHANTA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **65** %

Online Assignments	23.16/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Prof. Mahantoli Banerjee

Prof. Mahantoli Banerjee
Chairman, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Dr. Animesh Kumar

Director
NPTEL
National Center of Management & Technology



Roll No: NPTEL23CGSS3333001190

To verify the certificate

MS. of quality recommendation-3 (of-4)



Elite

NPTEL Online Certification

Funded by the MoE, Govt. of India)



This certificate is awarded to

MANOJ KUMAR JENA

for successfully completing the course

Management Information System

with a consolidated score of **68** %

Online Assignments	21.25/25	Proctored Exam	46.68/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12-week course)

Prof. Manmohar Bhanu

Prof. Manmohar Bhanu
Associate Prof.
IT Manager



Indian Institute of Technology Bombay

Dr. Manoj Kumar

Director
College of Management & Technology



Roll No: NPTEL2023MIS08252001435

To verify the certificate

No. of credits accumulated: 3 of 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MANOJ KUMAR JENA

for successfully completing the course

Cloud Computing

with a consolidated score of **64** %

Online Assignments	23.91/25	Proctored Exam	40.3/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12-week course)

Prof. Naimanti Bannorj

Prof. Naimanti Bannorj
Coordinator, NPTEL
ET Manager



Indian Institute of Technology, Kharagpur



Director
P.O. College of Management & Technology



Roll No: NPTEL23CGS09S003001609

To verify the Certificate

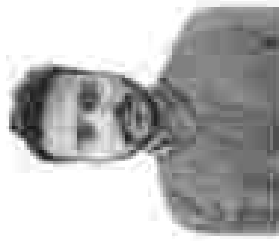
Natural Health Recommendation 3 of 4



Elite

NPTEL Online Certification

(Funded by the MCE, Govt. of India)



This certificate is awarded to

MANOJ KUMAR JENA



for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **75** %

Online Assignments	24.35/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **9534**

Jul-Oct 2023

(12 week course)

M. Bannerji

Prof. Haimanti Bannerji
Coordinator, NPTEL
IIT Guwahati



Indian Institute of Technology Guwahati



Director
IIT College of Management & Technology



Roll No: NPTEL23CS09S333001410

Traverse my Certificate



No. of credits recommended: 3 for 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

NIBEDITA SAHOO

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **54** %

Online Assignments	24.35/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **25880**

Jul-Oct 2023

(12 week course)

Prof. Halimant Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Director
Office of Management & Technology



Roll No. NPTEL202308030009851

To verify the certificate



No. of credits accumulated: 3.0/4.0



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PHALGUNI RAJGURU RAYASINGH

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **66** %

Online Assignments	22.63/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Dr. Haimanti Banerjee
Prof. Haimanti Banerjee
Computer Science
IIT Mississipi



Indian Institute of Technology Hyderabad



Director
E-Cell of Wipro Limited
IISc Bangalore



Roll No: NPTEL2AUGSER130000539

To verify the certificate

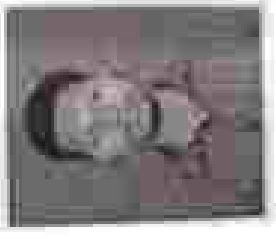
No. of credits recognized: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PRADYUMNA KUMAR BEHERA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **67** %

Online Assignments	24.50/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

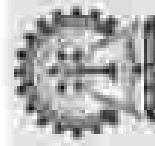
Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 weeks course)

Prof. Harmandil Bamiini

Prof. Harmandil Bamiini
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



SWAYAM

Director
UGC Centre of Management & Technology



Roll No. NPTEL2023S163000701

To verify the certificate

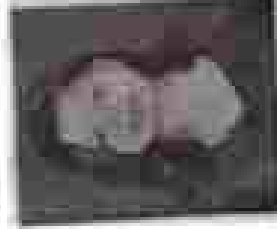


No. of credits recommended: 3 cr/d.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PRIYANKA MALLICK

for successfully completing the course

Management Information System

with a consolidated score of **53** %

Online Assignments	23.44/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Haimanti

Prof. Haimanti Banerjee
Director, NPTEL
IIT Kharagpur



Director
Center of Management & Technology



Indian Institute of Technology Kharagpur

Roll No: NPTEL2023MGTSE3300710

To verify the certificate



(Total credits (completion) of 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RABINDRA KUMAR SAHOO

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **62** %

Online Assignments	24.56/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course-25880

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Prof. Haimanti Banerji
Coordinator, NPTEL
of IIT Kharagpur

[Signature]

Director
V Cell Center of Management & Technology



Indian Institute of Technology Kharagpur



Roll No: NPTEL/ACCESS/2023/000510

To verify this certificate

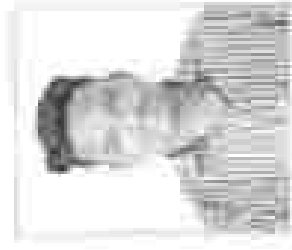
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SAMBIT KUMAR GADANAYAK

for successfully completing the course

Management Information System

with a consolidated score of **61** %

Online Assignments	22.19/25	Proctored Exam	39.03/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banarjee
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No.: NPTEL23MGB1758133003836

TO VIEW 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

SANDHYARANI MOHANTY

for successfully completing the course

Management Information System

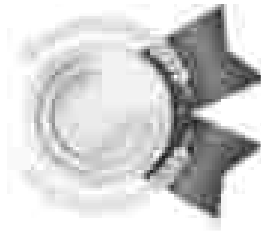
with a consolidated score of **77** %

Online Assignments	24.06/25	Proctored Exam	52.81/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)



Prof. Haimanti Banerjee
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Director
Program of Management & Technology



Roll No: NPTEL202307583901069

To verify the certificate

No. of credits (maximum): 3.00



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SANDHYARANI MOHANTY

for successfully completing the course

Cloud Computing

with a consolidated score of **67** / **96**

Online Assignments	25/25	Proctored Exam	41.58/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

M. Banerji

Prof. Haimanti Banerji
Coordinator, NPTEL
IT Kirtipur



Indian Institute of Technology Kharagpur



ROLL No: NPTEL2408888930702189

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

SANDHYARANI MOHANTY

for successfully completing the course



Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **78** / 96

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

Total number of candidates certified in this course: 9534

Jul-Oct 2023

(12 week course)

M. Bannerji

Prof. Haimanti Bannerji
Coordinator, NPTEL
IIT Kharagpur

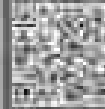


Indian Institute of Technology, Kharagpur



Director

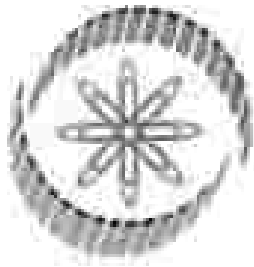
Centre for Management & Technology



Roll No.: NPTEL202309534701140

To verify the certificate

No. of details recommended for a



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SARITA BEHERA

for successfully completing the course

Cloud Computing

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	38.02/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: 16686

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Director
A College of Management & Technology



Roll No: NPTEL20CSAP553010222

To verify the certificate

No. of credits recommended: 3 of 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SARITA BEHERA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **81** %

Online Assignments	24.16/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)



Indian Institute of Technology Kharagpur



Director

IIIT College of Management & Technology



Prof. Harmanjit Barmettl
Coordinator, NPTEL
IIT Kharagpur



Roll No: NPTEL2023S813733000197

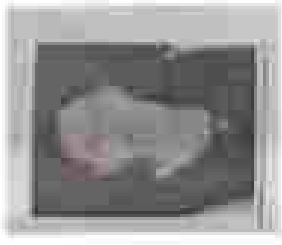
To verify the certificate

No. of credits recognized: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SARMISTHA PARIDA

for successfully completing the course

Management Information System

with a consolidated score of **55** %

Online Assignments	23.75/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 4345

Jul-Oct 2023

(12 week course)

Prof. Harimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Management

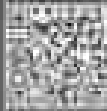


Director
IIT College of Management & Technology



Roll No: NPTEL23MGTSM1000007

To verify the certificate

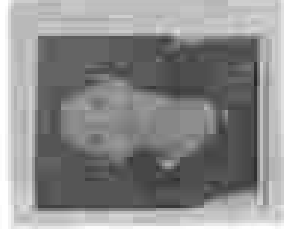


No. of credits recognized: 3.0/4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SARMISTHA PARIDA

for successfully completing the course

Cloud Computing

with a consolidated score of **56** %

Online Assignments	25/25	Proctored Exam	30.62/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course:16686

Jul-Oct 2023

(12 week course)

Prof. Hanumanth Banerjee
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Khargapur



College of Management & Technology



Roll No: NPTEL2305886630400240

To verify the certificate

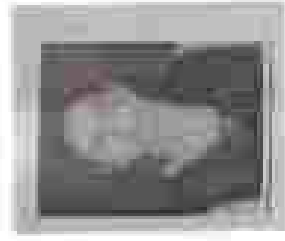
No. of credits recognized: 3 of 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SARMISTHA PARIDA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **70** %

Online Assignments	24.56/25	Proctored Exam	45/75
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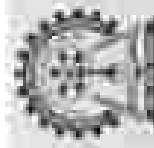
Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

M. Banerjee

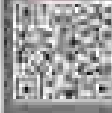
Prof. Mamanti Banerjee
Coordinator, NPTEL
IIT Kanpur



Indian Institute of Technology Kanpur

NPTEL
DIRECTOR

AJ College of Management & Technology



Roll No: NPTEL23OC835035400 19E

To verify the certifiacat

No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SATYANANDA NAIK

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	24.13/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Haimanti

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Vibranium

Director
Faculty of Management & Technology



Roll No.: NPTEL21C8618533000974

To verify the certificate



No. of credits recommended: 3 and



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SEKHAR PRADHAN

for successfully completing the course

Computer Graphics

with a consolidated score of **53** %

Online Assignments	22.92/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **660**

Jul-Sep 2023

(8 week course)

Prof. T. V. Bharati
Head, Centre for Educational Technology
(IITL, established in 1998)



Indian Institute of Technology Guwahati



College of Management & Technology



Roll No: NPTEL2023115545150252

To verify the certificate

No. of copies recommended: 2023



NPTEL Online Certification

(founded by the MoE, Govt. of India)



This certificate is awarded to

SEKHAR PRADHAN

for successfully completing the course

Cloud Computing

with a consolidated score of **63** / 96

Online Assignments	25/25	Proctored Exam	38.03/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: 16686

Jul-Oct 2023

(12 week course)

Prof. Mainamti Banerji
Coordinator, NPTEL
IIT Bombay



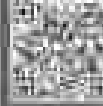
Indian Institute of Technology Kharagpur

Director
IIT Culture of Management & Technology



Exam No: NPTEL21C3085533001910

To verify the candidate



100% of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SEKHAR PRADHAN

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **63** %

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

Total number of candidates certified in this course: 9534

Jul-Oct 2023

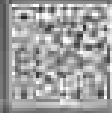
(12 week course)

N. Banerji

Prof. Naimandi Banerji
Coordinator, NPTEL
IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL21CS22S015001060

Issued by the center

Noted for quality assessment (Eq. 3.10.4)



NPTEL Online Certification

(funded by the MoE, Govt. of India)



This certificate is awarded to

SHREETAM PRADHAN

for successfully completing the course

Cloud Computing

with a consolidated score of **58** %

Online Assignments	25/25	Proctored Exam	33.34/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kanpur



Indian Institute of Technology Kanpur



Director

Knowledge Management & Technology



Roll No: NPTEL000569955000183

To verify the certificate



No. of credits recognized till: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SHREETAM PRADHAN

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **56** %

Online Assignments	24.35/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Harmanthi Banerjee
 Prof. Harmanthi Banerjee
 Chairperson, NPTEL
 IIT Kharagpur



Indian Institute of Technology Kharagpur



College of Management & Technology



Roll No: NPTEL2023CS8858300629

To verify this certificate



No. of credits committed: 0.3 cr/4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SOURAV PANDA

for successfully completing the course

Management Information System

with a consolidated score of **55** %

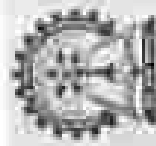
Online Assignments	23.13/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerjee
Course Lead, NPTEL
IIT Guwahati



Indian Institute of Technology Kharagpur

Director
VIT College of Management & Technology



FORM NO: NPTEL/SM/GU/2023/003/17

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

SOURAV PANDA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **57** %

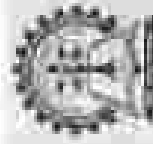
Online Assignments	23.94/25	Proctored Exam	33/75
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Total number of candidates certified in this course: **25880**

Jul-Oct 2023
(12 week course)

Sourav Panda

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology, Kharagpur



Director, NPTEL
IIT College of Management & Technology

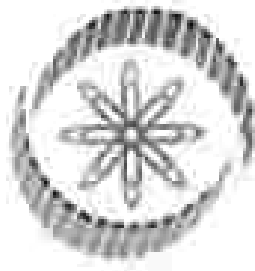


Roll No: NPTEL2023090955000554

To verify the certificate:



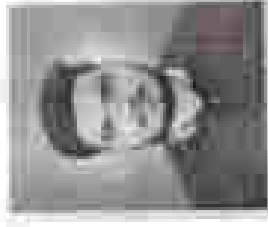
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BUDARSHAN BISWAL

for successfully completing the course

Management Information System

with a consolidated score of **60** %

Online Assignments	23.13/25	Proctored Exam	37/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Haimanti Banerji

Prof. Haimanti Banerji

Coordinator, NPTEL

IT Manager



Indian Institute of Technology Kharagpur

Manoj Kumar
Director
School of Management & Technology

SJCE College of Management & Technology



Roll No: NPTEL23MGT5753000947

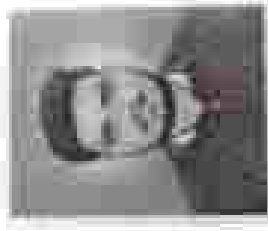
To verify the certificate

No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUDARSHAN BISWAL

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **57** %

Online Assignments	24.16/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Mohammi Bannaji

Prof. Mohammi Bannaji
Coordinator, NPTEL
IT Manager



Indian Institute of Technology Kharagpur



AI College of Management & Technology



QR ID: NPTEL230803SUDSUD579

To verify the certificate

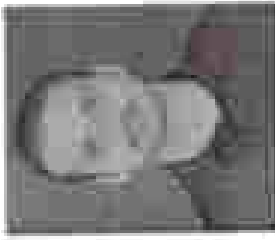
No. of credits recognized: 3.674



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SWAPNESWAR NATH

for successfully completing the course

Management Information System

with a consolidated score of **60** %

Online Assignments	23.44/25	Proctored Exam	36.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

M. Banerji

Prof. Harimanti Banerji
Coordinator, NPTEL
IT Education



Indian Institute of Technology, Hyderabad

M. V. Sreenivasulu Reddy
Director

IIIT College of Management & Technology



Roll No.: NPTEL2019976704400120

To verify the certificate

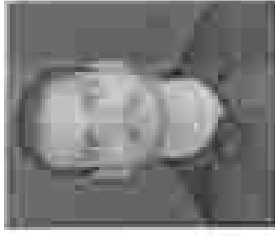
No. of credits committed: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SWAPNESWAR NATH

for successfully completing the course

Cloud Computing

with a consolidated score of **62** %

Online Assignments	25/25	Proctored Exam	36.99/75
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Total number of candidates certified in this course: 16686

Jul-Oct 2023

(12 week course)

H Bandyopadhyay

Prof. Haimanti Bandyopadhyay
Committee, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No. NPTEL2023080655400230

To verify the certificate



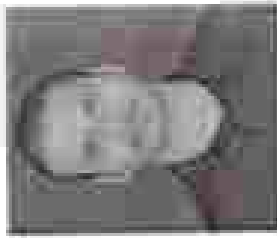
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MHRD, Govt. of India)



This certificate is awarded to

SWAPNESWAR NATH

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **72** %

Online Assignments	23.56/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **25880**

Jul-Oct 2023

(12 weeks course)

Naimantl Banerji

Prof. Naimantl Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology, Kharagpur

Nb-Banerji
Director

College of Management & Technology



Roll No: NPTEL230506830040207

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

TANMAY KUMAR MAHANTA

for successfully completing the course

Management Information System

with a consolidated score of **60** %

Online Assignments	23.44/75	Proctored Exam	36.25/75
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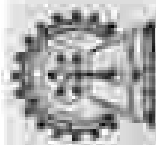
Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

M. Banerji

Prof. Maimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



IIIT College of Management & Technology



Roll No: NPTEL23MGBTS31000375

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

TANMAY KUMAR MAHANTA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **66** %

Online Assignments	22.28/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course:25880

Jul-Oct 2023

(12 week course)

Harimanti

Prof. Harimanti Bhanerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



AI College of Management & Technology



Roll No: NPTEL23098801899900549

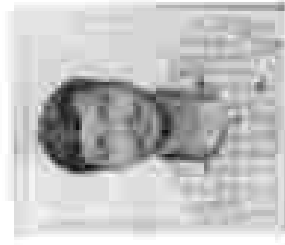
To verify the certificate

Roll No: 23098801899900549



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

TRILOCHAN PRADHAN

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	24.6/25	Proctored Exam	30.2/175
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Total number of candidates certified in this course:16686

Jul-Oct 2023

(12-week course)

Haimanti Banerji

Prof. Haimanti Banerji
Associate Prof.
IIT Bombay



Indian Institute of Technology Madras



Director
NPTEL College of Management & Technology



Roll No: NPTEL20230800000000000000

To verify the certificate



No. of credits recommended: 1 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

TRILOCHAN PRADHAN

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **73** %

Online Assignments	23.72/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: 25680

Jul-Oct 2023

(12 week course)

M. Banerji

Prof. Maimami Banerji
Coordinator, NPTEL
IT, Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL201C8881576310001649

To verify the certificate

No. of credits recommended: 3 of 4.

NPTEL 2021-22

Sl.No.	Name of the students	Registration No.	Subjects
1	ABINASH DWIBEDY	2105271001	Computer Graphics Introduction To Industry 4.0 And Industrial Internet of Things
2	ADITYA KUMAR MOHANTY	2105271002	Data Base Management System Cloud Computing Introduction To Internet of Things
3	ALAYA KUMAR DAS	2105271003	Introduction To Internet of Things Management Information System
4	AMARESH PATI	2105271004	Cloud Computing Introduction To Internet of Things
5	AMIT KUMAR SAHOO	2105271005	Cloud Computing Introduction To Industry 4.0 And Industrial Internet of Things Computer Networks and Internet Protocol
6	AMRIT KUMAR SETHI	2105271006	Cloud Computing Introduction To Internet of Things
7	ARCHANA KISAN	2105271007	Introduction To Internet of Things
8	ASHOK KUMAR SETHI	2105271008	Cloud Computing and Distributed System Management Information System Introduction To Industry 4.0 And Industrial Internet of Things Introduction To Internet of Things
9	ASRUTOSH SAHOO	2105271009	Introduction To Internet of Things Cloud Computing Management Information System
10	ATANKA MAHANTA	2105271011	Python for data Science Introduction To Internet of Things Cloud Computing
11	BARSHARANI JENA	2105271012	Introduction To Industry 4.0 And Industrial Internet of Things Management Information System
12	BISHAL BISWARANJAN SAMAL	2105271014	Introduction To Industry 4.0 And Industrial Internet of Things
13	BIVASH SARKAR	2105271015	Introduction To Internet of Things
14	BUDHADEV MAHANTA	2105271016	Introduction To Internet of Things
15	CHANDRAKANTA SAHOO	2105271017	Introduction To Internet of Things Management Information System Cloud Computing
16	CHIRMAYA BHOL	2105271018	Introduction To Internet of Things Management Information System Cloud Computing

17	DEBASREE SAHOO	2105271019	Cloud Computing Data Mining
18	DHARMA NARAYAN PALEI	2105271020	Introduction To Internet of Things Introduction To Industry 4.0 And Industrial Internet of Things
19	DIPKA BISHI	2105271021	Introduction To Internet of Things Management Information System Cloud Computing
20	GOPALI MAKADIAM	2105271022	Introduction To Internet of Things Management Information System
21	HITESH MAHANTA	2105271023	Introduction To Internet of Things
22	JANADUTTA NANDA	2105271024	Introduction To Internet of Things Management Information System Cloud Computing
23	JANMEIAYA KUMBHAR	2105271025	Cloud Computing
24	JULLY SAGAR	2105271028	Cloud Computing
25	LAKLAP UDAYA KIRAN	2105271029	Introduction To Industry 4.0 And Industrial Internet of Things
26	LAXMIKANT SWAIN	2105271030	Introduction to Soft Computing
27	LAXMIPRIYA MAHANTA	2105271031	Cloud Computing Management Information System Introduction To Internet of Things
28	MOHIT KUMAR NAYAK	2105271032	Data analytics with python Introduction To Industry 4.0 And Industrial Internet of Things Cloud Computing
29	MOUSUMI CHHATRIA	2105271033	Introduction To Internet of Things Management Information System
30	PALLABI PRIYADARSHINI	2105271034	Introduction To Internet of Things Management Information System Database Management System Cloud Computing
31	PRATIKSHA DAS	2105271036	Introduction To Internet of Things
32	PRATIKSHYA SUNDARAY	2105271037	Introduction To Internet of Things Management Information System Cloud Computing and Distributed Systems
33	PRIYANKA MAHANTA	2105271038	Introduction To Internet of Things
34	RAKESH SAMANTRAY	2105271039	Management Information System Cloud Computing Big Data Computing Introduction To Industry 4.0 And Industrial Internet of Things
35	RANJAN KUMAR NADE	2105271040	Introduction To Internet of Things
36	RISHAN BHOSH	2105271041	Introduction To Industry 4.0 And

			Introduction To Internet of Things
37	SANTAY MANDAL	2105271042	Introduction To Internet of Things Management Information System Cloud Computing
38	SANTOSH KUMAR ACHARYA	2105271043	Data Analytics with Python Introduction To Soft Computing Cloud Computing
39	SATYA PRAKASH SAHOO	2105271044	Introduction To Internet of Things Management Information System Cloud Computing
40	SATYAJIT LENKA	2105271045	Cloud Computing
41	SATYAM SAHOO	2105271046	Introduction To Internet of Things Management Information System Cloud Computing
42	SOURAV DASH	2105271047	Introduction To Internet of Things Management Information System
43	SUBRAT KUMAR MAHAPATRA	2105271050	Cloud Computing Introduction To Internet of Things Management Information System
44	SUCHETA SUBHALAXMI SWAIN	2105271051	Introduction To Industry 4.0 And Industrial Internet of Things
45	SUJIT KUMAR BEHERA	2105271052	Introduction To Internet of Things Management Information System
46	SUNIL KUMAR MALLICK	2105271054	Cloud Computing Introduction To Internet of Things Management Information System
47	SUNITA NANDA	2105271055	Cloud Computing Introduction To Internet of Things Computer Networks and Internet Protocol
48	SURAJ SAHANI	2105271056	Cloud Computing Introduction To Internet of Things Management Information System
49	SUVENDU DAS	2105271057	Cloud Computing
50	TAPAN KUMAR SAHU	2105271059	Cloud Computing Introduction To Internet of Things Management Information System
51	UDAY NAIK	2105271060	Cloud Computing Introduction To Internet of Things
52	ABHISEK MOHAPATRA	2105271061	Introduction To Industry 4.0 And Industrial Internet of Things
53	JYOTIRANJAN MISRA	2105271062	Introduction To Internet of Things Data Analytics with Python Cloud Computing



NPTEL Online Certification

(Funded by the M&E, Govt. of India)



This certificate is awarded to

ABINASH DWIBEDIY

for successfully completing the course

Computer Graphics

with a consolidated score of **52** %

Online Assignments	21.67/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **660**

Jul-Sep 2023

(8 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL, Coimbatore, 613 020



Indian Institute of Technology Guwahati



Department of Management & Technology
IIT College of Management & Technology



Roll No: NPTELUGC31553/160057

To verify the certificate



NO. of cells recommended: 20x3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ABINASH DWIVEDY

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **64** %

Online Assignments	25/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 9534

Jul-Oct 2023
(12 week course)

Prof. Maimuni Banerji

Prof. Maimuni Banerji
Coordinator, NPTEL
IIT Kharagpur

Prof. G. Srinivasan

Director
Institute of Management & Technology



Indian Institute of Technology Kharagpur



Roll No.: NPTEL23IC8323516100516

To verify the certificate

No. of credits recommended: 0 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ADITYA KUMAR MOHANTY

for successfully completing the course

Data Base Management System

with a consolidated score of **50** %

Online Assignments	19.71/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3518**

Jan-Mar 2023

(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Director
NPTEL
Office of Management & Technology



Roll No: NPTEL2023415402000507

To validate the certificate



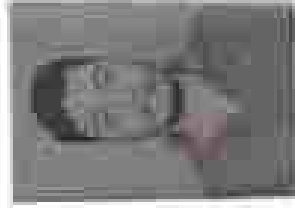
No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ADITYA KUMAR MOHANTY

for successfully completing the course

Cloud Computing

with a consolidated score of **60** %

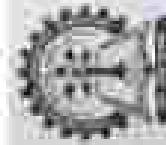
Online Assignments	25/25	Proctored Exam	35.21/75
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Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



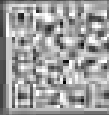
Indian Institute of Technology Kharagpur

Director
IIT College of Management & Technology



Roll No: NPTEL2309/RES533/00589

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

ADITYA KUMAR MOHANTY

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **66** %

Online Assignments	23.94/25	Proctored Exam	42/75
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Total number of candidates certified in this course: 14770

Jan-Apr 2023

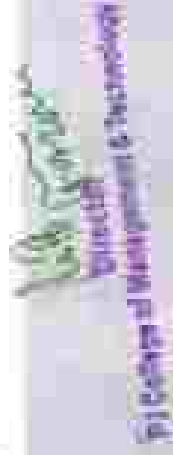
(12 week course)

Aditya

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

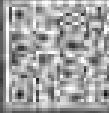


Indian Institute of Technology Kharagpur



Roll No: NPTEL23025195330-GR20

To validate the certificate



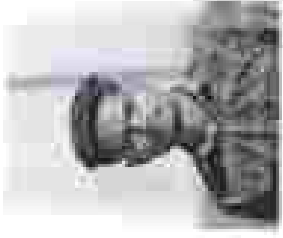
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

AJAYA KUMAR DAS

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **69** %

Online Assignments	25/25	Proctored Exam	43.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **25880**

Jul-Oct 2023

(12 week course)

Haimanli Banerji

Prof. Haimanli Banerji
Coordinator, NPTEL
IT Management

Vibhakar

Director
F.I. Centre of Management & Technology

Indian Institute of Technology Kharagpur

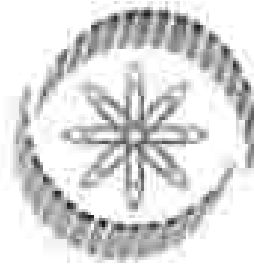


Form No: NPTEL20CS03573000 (404)

To verify the certificate

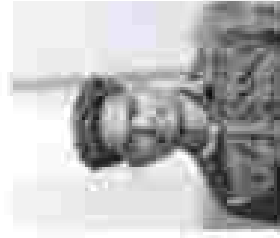


No. of credits recommended: 3 credit



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

AJAYA KUMAR DAS

for successfully completing the course:

Management Information System

with a consolidated score of **53** %

Online Assignments	23.44/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)


 Prof. Himmat Bannerji
 Co-ordinator, NPTEL
 IIT Hyderabad



Indian Institute of Technology Kharagpur

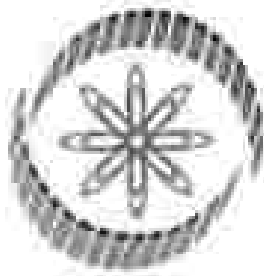

 Director
 N/Campus of Management & Technology



FIGI No: NPTEL-22MIGETSUB001607

To Verify the Certificate

No. of credits recommended: 3/4/4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

AMARESH PATI

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	24.91/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Director
Centre for Management & Technology



Roll No: NPTEL23CS12513550192

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

AMARESH PATI

for successfully completing the course:

Introduction to Internet of Things

with a consolidated score of **68** %

Online Assignments	24.56/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 14770

Jan-Apr-2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Director of Management & Technology



Roll No: NPTEL23CS51653309590

to validate the certificate



No. of credits recommended: 3 cr/4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

AMIT KUMAR SAHOO

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

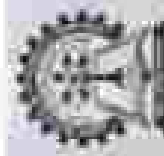
Online Assignments	25/25	Proctored Exam	30.1/75
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Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No. NPTEL23KSA0505E02790

To validate the certificate



No. of credits recommended: 3.0/4



Elite

NPTEL Online Certification

(Funded by the MCE, Govt. of India)



This certificate is awarded to

AMIT KUMAR SAHOO

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	46.88/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **7689**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Convener, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Director
IIT College of Management & Technology



Roll No: NPTEL23CES2545502077

To validate the Certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MCE, Govt. of India)



This certificate is awarded to
AMIT KUMAR SAHOO
for successfully completing the course

Computer Networks and Internet Protocol

with a consolidated score of **54** %

Online Assignments	23.6/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 3082

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IT Kharagpur



Indian Institute of Technology Kharagpur

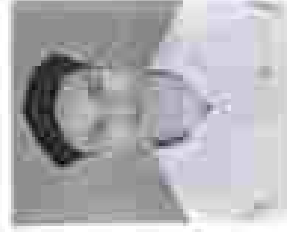




Elite

NPTEL Online Certification

(Funded by the MGE, Govt. of India)



This certificate is awarded to

AMRIT KUMAR SETH

for successfully completing the course

Cloud Computing

with a consolidated score of **61** %

Online Assignments	25/25	Proctored Exam	35.97/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Naimanti Bhanerji
 Coordinator, EPFL
 IIT Kanpur



Indian Institute of Technology Kanpur



Director

Vignette School of Management & Technology

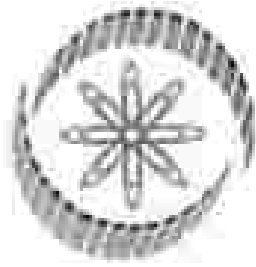


Roll No: NPTEL23PES816083009322

To verify the certificate



No. of credits recommended: 3.0/4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AMRIT KUMAR SETH

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **75** %

Online Assignments	23.53/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Prof. Haimanti Bannerji
Coordinator, NPTEL
IT Manager



Indian Institute of Technology Kharagpur

Director

IIT College of Management & Technology



For More NPTEL Courses Visit: www.nptel.ac.in

To verify the certificate

No. of certificate recommendations: 3 of 4



Elite

NPTEL Online Certification

(Funded by the M.E. Govt. of India)



This certificate is awarded to

ARCHANA KISAN

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **64** %

Online Assignments	23.97/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

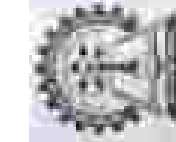
Total number of candidates certified in this course: **25880**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Barmati

Prof. Haimanti Barmati
Coordinator, NPTEL
IT Exchange



Indian Institute of Technology Kharagpur

Dr. Archana Kisan

Director
IU College of Management & Technology



Folio No. NPTEL23-CE835633005617

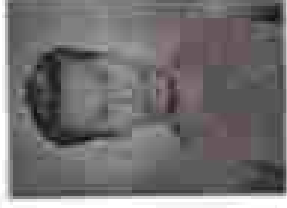
To verify the certificate

No. of credits accumulated: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ASHOK KUMAR SETHI

for successfully completing the course

Cloud Computing and Distributed Systems

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	32.25/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **2219**

Prof. B. M. Rajish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Prof. Satyaki Roy
NPTEL Co-ordinator
IIT Kanpur



Indian Institute of Technology Kanpur

Director
IIT Kanpur
College of Management & Technology



Roll No: NPTEL23CS275M723H34

To validate the certificate

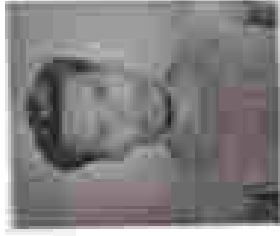
No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ASHOK KUMAR SETHI

for successfully completing the course

Management Information System

with a consolidated score of **66** %

Online Assignments	22.8/125	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

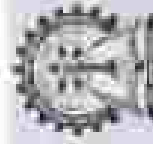
Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Prof. Maimanti Banerji

Prof. Maimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



NPTEL
National Institute of Technology



Roll No: NPTEL23M08127501100940

Obtain this certificate

NPTEL certificate no: MIM23013 or 4



Elite

NPTEL Online Certification

(Funded by the MHRD, Govt. of India)

This certificate is awarded to

ASHOK KUMAR SETHI

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **68** %

Online Assignments	24.56/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **9534**

Jul-Oct 2023

(12 week course)

Dr. Harjoti

Prof. Harjoti Bhanerji

Coordinator, NPTEL

IT Manager



Indian Institute of Technology (Strategic)

V. Srinivas
Director

College of Management & Technology



Roll No: NPTEL23628288000601

To verify the certificate

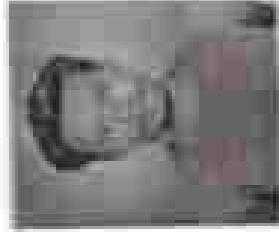
No. of credits assigned: 3.0/4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ASHOK KUMAR SETHI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **71** %

Online Assignments	24.13/25	Proctored Exam	46.5/75
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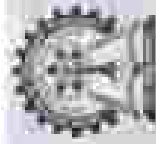
Total number of candidates certified in this course:25880

Jul-Oct 2023

(12 week course)

Ashok Kumar Sethi

Prof. Ashok Kumar Sethi
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Ashok Kumar Sethi

Director

College of Management & Technology



Roll No: NPTEL23CS885115091052

To verify the certificate

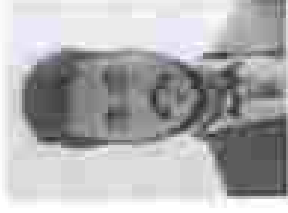
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ASHUTOSH SAHOO

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **70** %

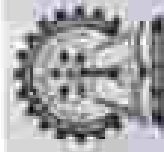
Online Assignments	24.78/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **14770**

Jan-Apr 2023
(12 week course)

Debjani

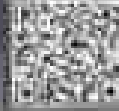
Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology, Kharagpur



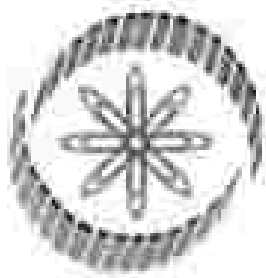
Ashutosh Sahoo
Director
IIT College of Management & Technology



Roll No: NPTEL2023SS1SC5301528

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

ASHUTOSH SAHOO

for successfully completing the course

Cloud Computing

with a consolidated score of **58** %

Online Assignments	25/25	Proctored Exam	32.91/75
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Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Executive Dir'l
IT Manager



Indian Institute of Technology Kharagpur

Prof. Anand Bhattacharya
Director
E-Campus Development & Network



Roll No: NPTEL23CS42551801115

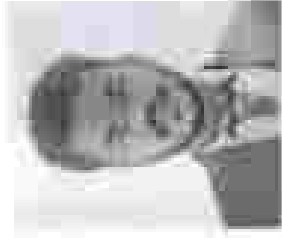
To validate the certificate

No. of credits recommended: 3 or 4



NPTEL Online Certification

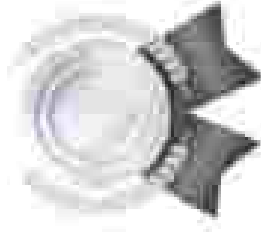
(Funded by the MoE, Govt. of India)



This certificate is awarded to

ASHUTOSH SAHOO

for successfully completing the course



Management Information System

with a consolidated score of **76** %

Online Assignments	23.75/25	Proctored Exam	51.75/75
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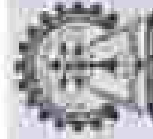
Total number of candidates certified in this course: 4345

Jul-Oct 2023

(12 week course)

Prof. Harimanti Banerji

Prof. Harimanti Banerji
Coordinator, NPTEL
IT Manager



Indian Institute of Technology Khargpur

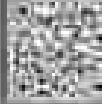
N. B. Sahoo
Chairman

University of Management & Technology



Roll No. NPTEL2023MGT500025

To verify my certificate



No. of Credits is commented 3 for 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ATANKA MAHANTA

for successfully completing the course:

Python for Data Science

with a consolidated score of **53** %

Online Assignments	22/25	Proctored Exam	31.25/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **4711**

Devesh Jaiswal

Prof. Devesh Jaiswal

Chairman,
Centre for Openness and Digital Education, IITM

Jan-Feb 2023

(4 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Co-ordinator
IIT Madras



Indian Institute of Technology Madras

Swamy
DIRECTOR

IIITM School of Management & Technology



Roll No: NPTEL23 (2021) 534255 018

To validate the certificate



No. of credits recommended: 1.0/2



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ATANKA MAHANTA

for successfully completing the course:

Introduction to Internet of Things

with a consolidated score of **70** %

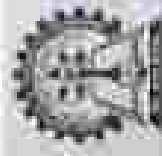
Online Assignments	23.94/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: **14770**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Guwahati



Indian Institute of Technology, Kharagpur

Director
NPTEL
National Institute of Management & Technology



Roll No: NPTEL210551563110176

To validate the certificate

No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MCA, Govt. of India)



This certificate is awarded to

ATANKA MAHANTA

for successfully completing the course

Cloud Computing

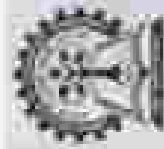
with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	35.45/75
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Total number of candidates certified in this course: **11454**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakrabarty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Director
NPTEL, Center of Excellence in Technology & Pedagogy

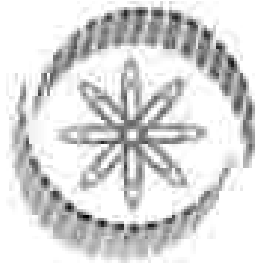


Roll No: NPTEL23CS015500051

To validate the certificate

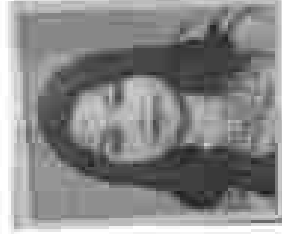


No. of credits recommended: 3 of 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BARSHA RANI JENA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **58** %

Online Assignments	24.78/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 9534

Jul-Oct 2023

(12 week course)

Barsha

Prof. Harimati Banerji
Coordinator, NPTEL
(IIT SHRIHARI)



Indian Institute of Technology, Kharagpur

Barsha Banerjee
Director

Faculty of Management & Technology



Roll No: NPTEL2023050300280

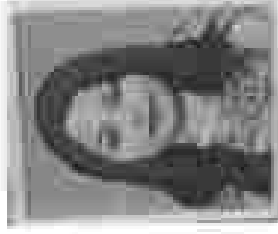
To verify the certificate

No. of credits recommended: 0.5/4



NPTEL Online Certification

(Funded by the M.E., Govt. of India)



This certificate is awarded to

BARSHA RANI JENA

for successfully completing the course

Management Information System

with a consolidated score of **57** %

Online Assignments	23.44/25	Proctored Exam	33.68/75
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Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Coordinator, MTEC,
IIT Kharagpur.



Indian Institute of Technology Kharagpur

Prof. Anupam Ghosh
Coordinator, MTEC,
IIT Kharagpur



Roll No: NPTELUMGT02023001975

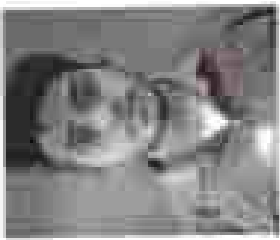
To verify the candidate

No. of credits recommended: 3 for 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to:

BISHAL BISWARANJAN SAMAL

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **56** / **96**

Online Assignments	24.70/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **9534**

Jul-Oct 2023

(12-week course)



Indian Institute of Technology Bombay



Director
College of Management & Technology



Haitamanti Banerji

Prof. Haitamanti Banerji
Coordinator, NPTEL
IIT Bombay

Roll No.: NPTEL23CS12561107569

To verify the certificate



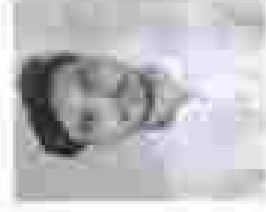
Novel credit mechanism for CMO



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BIVASH SARKAR

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	19.78/25	Proctored Exam	40/75
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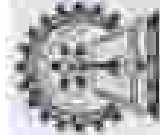
Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Haimanti Banerjee

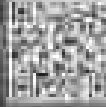
Prof. Haimanti Banerjee
Co-Chair, NPTEL
at Khairatabad



Indian Institute of Technology Khairatabad

Dr. Anurag Kumar
Director

IIT College of Management & Technology



Roll No: NPTEL23CS03S741S200007

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

BUDHADEV MAHANTA

for successfully completing the course:

Introduction to Internet of Things

with a consolidated score of **52** %

Online Assignments	21.81/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **14770**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Madras



Indian Institute of Technology Madras



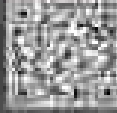
Director

IIT College of Management & Technology



Roll No: NPTEL31CS51553650014

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

CHANDRAKANTA SAHOO

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **62** %

Online Assignments	24.35/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **14770**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology, Kharagpur



Director,
IIT College of Multidisciplinary & Technology



Roll No: NPTEL202351523550299

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

CHANDRAKANTA SAHOO

for successfully completing the course

Management Information System

with a consolidated score of **61** %

Online Assignments	22.5/25	Proctored Exam	38.27/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Prof. Harimanti Bhanuj
Coordinator, NPTEL
IT Division



Indian Institute of Technology Kharagpur

Director
College of Management & Technology



Roll No. NPTEL23MIS17RSBJJ001921

To verify this certificate

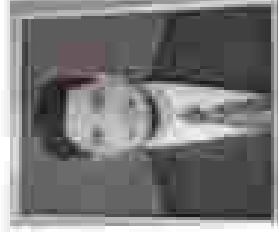


No. of credits recommended: 5 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

CHANDRAKANTA SAHOO

for successfully completing the course

Cloud Computing

with a consolidated score of **58** %

Online Assignments	25/25	Proctored Exam	33.16/75
--------------------	-------	----------------	----------

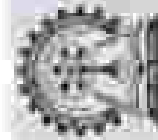
Total number of candidates certified in this course:16686

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Dr. S. S. Saha

Director
IIT College of Management & Technology



Roll No: NPTEL21GSS95633002400

To verify your certificate:

No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

Funded by the MoE, Govt. of India



This certificate is awarded to

CHINMAYA BHOL

for successfully completing the course

Introduction to Internet of Things

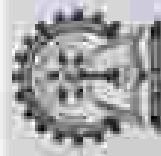
with a consolidated score of **67** %

Online Assignments	24.78/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **14770**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

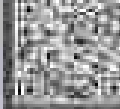


Indian Institute of Technology Kharagpur



Roll No: NPTEL23(CSS)15653001190

To validate the certificate



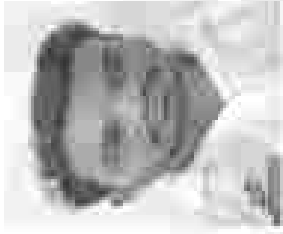
No. of credits recommended: 3.0/74



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

CHINMAYA BHOL

for successfully completing the course

Management Information System

with a consolidated score of **70** %

Online Assignments	24.06/25	Proctored Exam	45.75/75
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Total number of candidates certified in this course: 4345

Jul-Oct 2023

(12 week course)

Prof. Haimanti Bannerji
Coordinator, NPTEL
IIT Madras



Indian Institute of Technology Madras

NPTEL
Director

Dr. K. Suresh Kumar
Director, NPTEL
IIT Madras



RAIINANPTEL20230818725001470

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

CHINMAYA BHOL

for successfully completing the course

Cloud Computing

with a consolidated score of **65** %

Online Assignments	25/25	Proctored Exam	39.8/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Bannerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Director
College of Management & Technology

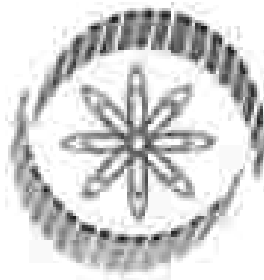


Roll No: NPTEL23CS03651004005

To verify the candidate



No. of credits recognized: 3 of 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

DEBASHREE SAHOO

for successfully completing the course

Cloud Computing

with a consolidated score of **65** %

Online Assignments	25/25	Proctored Exam	39.8/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kanpur



Indian Institute of Technology Kanpur



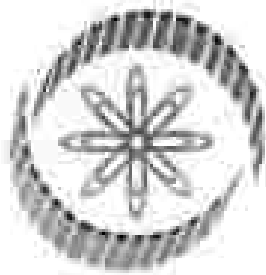
A Center of Excellence & Institution



To validate the certificate

Roll No: NPTEL202302553300206

No. of credits recommended: 3.0/4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

DEBASHREE SAHOO

for successfully completing the course

Data Mining

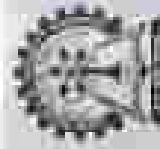
with a consolidated score of **69** %

Online Assignments	21.67/25	Proctored Exam	47.45/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4368**

Jan-Mar 2023
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
at Kharagpur



Indian Institute of Technology Kharagpur



21 College of Management & Technology

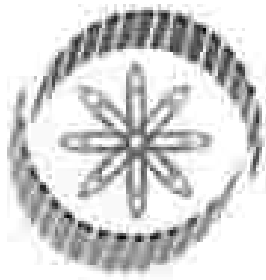


Roll No: NPTEL23CS1314201062

To validate the certificate



No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

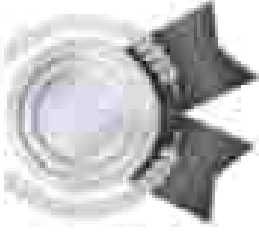
(Funded by the MoE, Govt. of India)



This certificate is awarded to:

DEBASHREE SAHOO

for successfully completing the course



Introduction to Internet of Things

with a consolidated score of 75 %

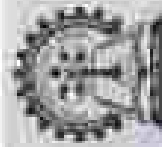
Online Assignments	24.35/25	Proctored Exam	51/75
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Total number of candidates certified in this course: 14770

Jan-Apr 2023

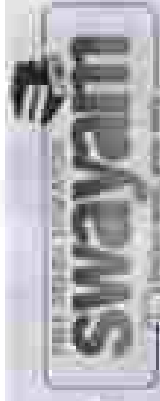
(12 week course)

Debashree Sahoo
 Prof. Debajani Chakraborty
 Coordinator, NPTEL
 IIT Kharagpur



Indian Institute of Technology Kharagpur

NPTEL
 Director
 Centre for Management & Technology



Roll No. NPTEL2023051903300470

To validate this certificate



Nb: of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the M&E, Govt. of India)

This certificate is awarded to

DHARMA NARAYAN PALEI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **56** %

Online Assignments	23.31/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 14770

Jan-Apr 2023
(12 week course)

Dr. Debjani Chakraborty
Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Bombay



Indian Institute of Technology Kharagpur



Director
IIT College of Management & Technology

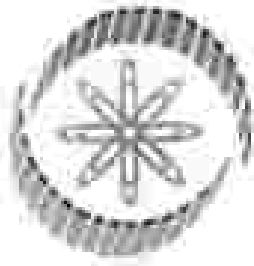


Reg. No: NPTEL23ECS1663100236

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

DHARMA NARAYAN PALEI

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **60** %

Online Assignments	24.13/25	Proctored Exam	35.8/75
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Total number of candidates certified in this course: 9534

Jul-Oct 2023

(12-week course)

M. Srinivas

Prof. Maimand Barnetji
Coordinator, NPTEL
IIT Chicago



Indian Institute of Technology Kharagpur

M. Srinivas
Director

IIIT College of Management & Technology



Roll No: NPTEL202308551001045

To verify the certificate



No. of credits accumulated: 1.0/4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DIPIKA BISHI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **76** %

Online Assignments	24.50/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **25880**

Jul-Oct 2023

(12 week course)

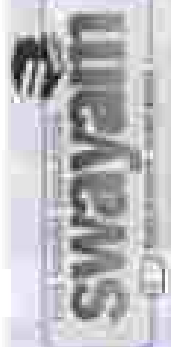
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kanpur

Director

AI College of Management & Technology

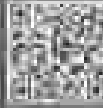


Indian Institute of Technology Kharagpur



PUJ No: NPTEL/21C-5935/23001/006

To verify the certificate



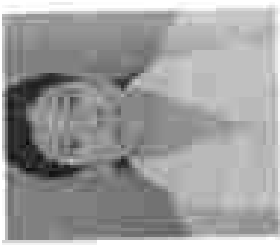
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to:

DIPIKA BISHI

for successfully completing the course:

Management Information System

with a consolidated score of: **61** %

Online Assignments	23.44/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 4345

Jul-Oct 2023

(12 week course)

Prof. Haimanti Bhatnagar
Coordinator, NPTEL
IIT Kharagpur



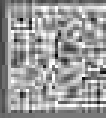
Indian Institute of Technology, Kharagpur

Director
College of Management & Technology



Roll No.: NPTEL/CSMIA/ITSP/2023/0011651

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

DIPIKA BISHI

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Maimanti Banerjee
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Director
IIT Culture of Management & Technology



Roll No: NPTEL23CS885E0001334

To verify this certificate

No. of credits recommended: 3 of 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

GOPALI MAKADAM

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	16.85/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **14770**

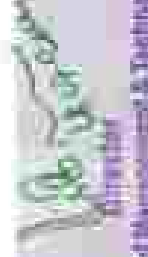
Jan-Apr 2023

(12 week course)

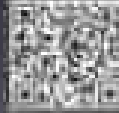
Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



JIIT College of Management & Technology



Roll No. NPTEL2315515133 0237G

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

GOPALI MAKADAM

for successfully completing the course

Management Information System

with a consolidated score of **62** %

Online Assignments	23.44/25	Proctored Exam	38.27/75
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Total number of candidates certified in this course: **4345**

Jul-Oct 2023
(12 week course)

Prof. Harimani Banerji
Coordinator, NPTEL
IIT Bombay



Indian Institute of Technology Kharagpur

NPTEL
Director
Centre of Management & Technology

swayam

swayam
e-Infrastructure for All



RdI No: NPTEL20115675833003648

To verify the certificate

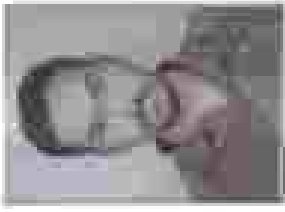
No. of credit recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

HITESH MAHANTA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **70** %

Online Assignments	24.56/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Madras



Indian Institute of Technology (Madras)

Director
IIT College of Management & Technology



Roll No: NPTEL23CS315053101712

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 :

JAJNADUTTA NANDA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **64** %

Online Assignments	24.78/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Faculty, NPTEL
IIT, Durgam



Indian Institute of Technology - Durgam



Director
VIT-VEP
VIT College of Management & Technology



Roll No: NPTEL2023068801652

To validate the certificate



No. of credits recommended: 3 (of 4)



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JAJNADUTTA NANDA

for successfully completing the course:

Management Information System

with a consolidated score of: **58** %

Online Assignments	24.06/25	Proctored Exam	33.68/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 4345

Jul-Oct 2023

(12 week course)

Haimanti Banerji

Prof. Haimanti Banerji
Chairperson, NPTEL
IIT, Kharagpur



Indian Institute of Technology Kharagpur



Director
IIT College of Management & Technology

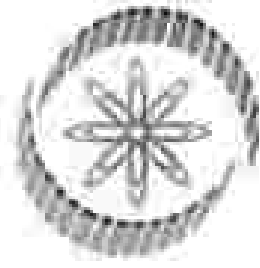


URL: NPTEL20130525820004952

To verify this Certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JAINADUTTA NANDA

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30.36/75
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Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 weeks course)

Prof. Holmanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Director
Faculty of Management & Technology



Roll No.: NPTEL23OC3895038003403

To verify the certificate

No. of credits accumulated: 3 of 4



NPTEL Online Certification

(Funded by the MCE, Govt. of India)



This certificate is awarded to

JANMEJAYA KUMBHAR

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30.38/75
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Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Debjani

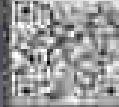
Prof. Debjani Chakrabarty
Coordinator, NPTEL
IIT Madras



Indian Institute of Technology Madras



A Central Government Initiative



To validate the certificate

Roll No: NPTEL230824523650108

No. of credits recommended: E1004



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JULLY SAGAR

for successfully completing the course

Cloud Computing

with a consolidated score of **53** %

Online Assignments	17.66/25	Proctored Exam	35.39/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **11454**

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Jan-Apr 2023

(12 week course)



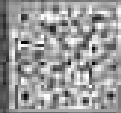
Indian Institute of Technology Kharagpur



Director
College of Management & Technology



Roll No: NPTEL23CS4256941868



To validate the certificate

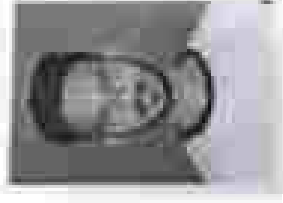
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

LAKLAP UDAYAKIRAN

for successfully completing the course:

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **63** %

Online Assignments	24.35/25	Proctored Exam	39/75
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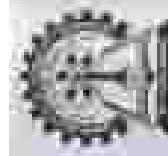
Total number of candidates certified in this course: **7689**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty

Prof. Debjani Chakraborty
Coordinator, NPTEL
of IITKGP



Indian Institute of Technology Kharagpur

Abhishek
Director
IIT College of Management & Technology



Roll No: NPTEL230552513650250

To validate the certificate



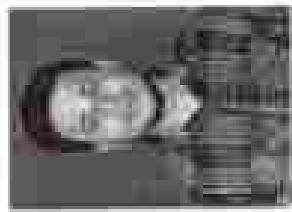
No. of candidates certified (04/23 of 4)



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

LAXMIKANT SWAIN

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **62** %

Online Assignments	24.35/25	Proctored Exam	37.5/75
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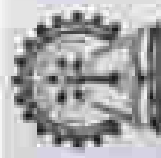
Total number of candidates certified in this course: **7689**

Jan-Apr 2023

(12 week course)

Debjani

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Madras



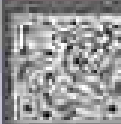
Indian Institute of Technology Kharagpur

Nabhiswain
Director of Management & Technology



Roll No: NPTEL235502543302161

To validate the certificate

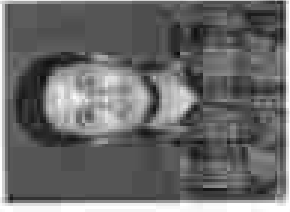


Nb: of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

LAXMIKANT SWAIN

for successfully completing the course

Introduction to Soft Computing

with a consolidated score of **54** %

Online Assignments	23.71/75	Proctored Exam	30.62/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1105**

Jan-Mar 2023

(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Director
College of Transdisciplinary Research



Roll No: NPTEL23GCS105M1299754

To validate the certificate

No. of credits recommended: 3 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

LAXMIPRIYA MAHANTA

for successfully completing the course

Cloud Computing

with a consolidated score of **54** %

Online Assignments	24.06/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS42563301299

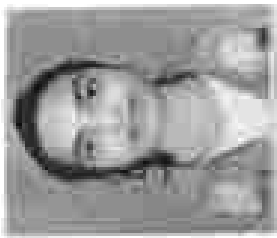
To validate this certificate

No. of credits recommended: 3.00



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

LAXMI PRIYA MAHANTA

for successfully completing the course

Management Information System

with a consolidated score of **53** %

Online Assignments	23.44/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 4345

Jul-Oct 2023

(12 week course)

Prof. Raimanti Banerjee
Coordinator, NPTEL
IT Educator



Indian Institute of Technology, Kharagpur

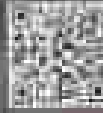
Director

The Centre of Management & Technology



Call No: NPTEL2311CEI7581502037

To verify the certificate



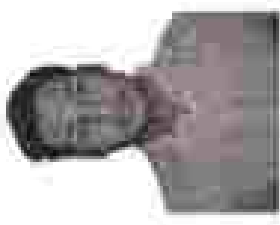
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MOHIT KUMAR NAYAK


for successfully completing the course

Data Analytics with Python

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	41.49/75
--------------------	-------	----------------	----------

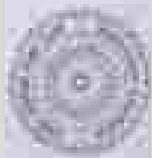
Total number of candidates certified in this course: **7860**


Prof. Sanjiv Manhas
 Coordinator, Continuing Education Centre
 IIT Bombay


Prof. Prith Maheshwari
 NPTEL Coordinator
 IIT Bombay


 Director
 IIT College of Management & Technology

Jan-Apr 2023
(12 week course)



Indian Institute of Technology Bombay



Roll No: NPTEL202304191022

To validate the certificate



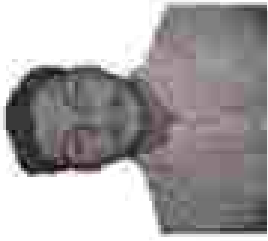
No. of credits recommended: 2/0/4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MOHIT KUMAR NAYAK

for successfully completing the course



Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **80** %

Online Assignments	24.35/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **9534**

Jul-Oct 2023

(12 week course)

Harmandir Bhanerji
Prof. Harmandir Bhanerji
Co-Director, NPTEL
IIT Kharagpur

Dr. Anand
Director
IIT College of Management & Technology



Indian Institute of Technology Kharagpur



Roll No: NPTEL2305525537405314

To verify the certificate



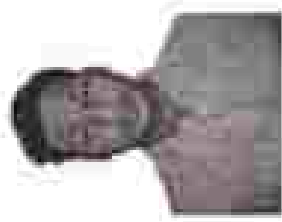
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MOHIT KUMAR NAYAK

for successfully completing the course

Cloud Computing

with a consolidated score of **62** %

Online Assignments	24.69/25	Proctored Exam	37.49/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Director

AI College of Management & Technology

Prof. Debjani Chakraborty
General In-charge, NPTEL
IT Manager



Indian Institute of Technology Kharagpur

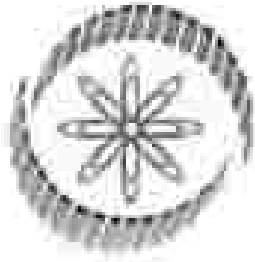


Roll No: NPTEL23UGS42511659417

To validate the certificate



No. of credits assigned: 3.00/4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MOUSUMI CHHATRA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **57** %

Online Assignments	24.13/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerjee
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

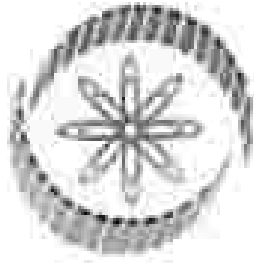
Director
7, College of Management, IIT Kharagpur



Roll No: NPTEL2023SEP01001855

To verify the certificate

No. of credits (as per the syllabus) 3/4/4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MOUSUMI CHHATRIA

for successfully completing the course

Management Information System

with a consolidated score of **57** %

Online Assignments	23.75/25	Proctored Exam	32.91/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 4345

Jul-Oct 2023

(12-week course)

Prof. Halmani Banerji
Coordinator, NPTEL
IIT Madras



Indian Institute of Technology Madras



Director

PG College of Management & Technology



Roll No: NPTEL23MC07531001925

To verify authenticity



No. of credits accumulated: 3 of 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PALLABI PRIYADARSHINI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **71** %

Online Assignments	24.56/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023

(12-week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



College of Management & Technology



Roll No: NPTEL202301001004



To validate the certificate

No. of credits recommended: 3 cr-4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PALLABI PRIYADARSHINI

for successfully completing the course

Management Information System

with a consolidated score of **66** %

Online Assignments	24.06/25	Proctored Exam	42/75
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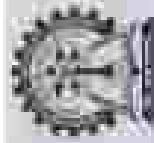
Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

P. Banerji
Coordinator

Prof. Hamant Banerji
Coordinator, NPTEL
IIT Bombay

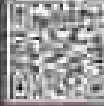


Indian Institute of Technology Bombay



Roll No: NPTEL23M067563302221

To verify the certificate

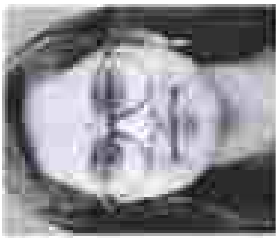


No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PALLABI PRIYADARSHINI

for successfully completing the course

Cloud Computing

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	32.03/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Naimanti Banerji
Coordinator, NPTEL
IT Assistant



Indian Institute of Technology (Bangalore)



Roll No: NPTEL03CS816S593003072

To verify the certificate

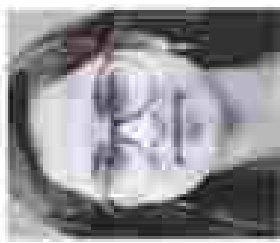
No. of credits recognized: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to:

PALLABI PRIYADARSHINI

for successfully completing the course:

Data Base Management System

with a consolidated score of **62** %

Online Assignments	21.88/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: **6795**

Jul-Sep 2023
(8 week course)



Director

ITJ College of Management & Technology



Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Guwahati



Indian Institute of Technology Kharagpur

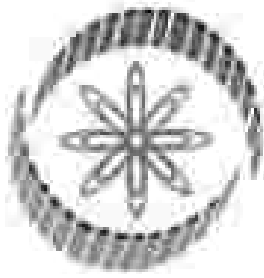


Roll No: NPTEL-202305709235150700

To verify this certificate



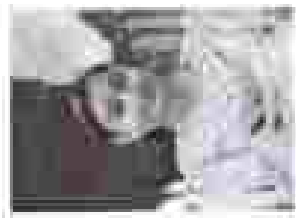
No. of credits recommended: 2 dt 0



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PRATIKSHA DAS

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **68** %

Online Assignments	24.13/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology, Kharagpur



Roll No: NPTEL220551953301144

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

PRATIKSHYA SUNDARAY

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **70** %

Online Assignments	24.78/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14770**

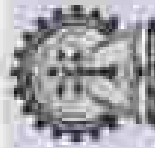
Jan-Apr 2023

(12 week course)

Principal

IIT Concept of Management & Technology

Prof. Debjani Chakraborty
Co-ordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PRATIKSHYA SUNDARAY

for successfully completing the course

Management Information System

with a consolidated score of **70** %

Online Assignments	23.75/25	Proctored Exam	45.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Director
College of Management & Technology

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Madras



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MGB7S7459300033

To verify the certificate



No. of credits accumulated: 3.004



Elite

NPTEL Online Certification

(Funded by the MCE, Govt. of India)



This certificate is awarded to

PRATIKSHYA SUNDARAY

for successfully completing the course

Cloud Computing and Distributed Systems

with a consolidated score of **61** %

Online Assignments	25/25	Proctored Exam	36/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: **2219**

Pathish
 Prof. G. V. Ramesh Kumar
 Director, Centre for Continuing Education
 IIT Kanpur

[Signature]
 Director
 IIT College of Management & Technology

[Signature]
 Prof. Satyaki Roy
 NPTEL Coordinator
 IIT Kanpur



Indian Institute of Technology Kanpur



URL: <https://www.nptel.ac.in/courses/122030305>

To validate the certificate



NPTEL ID: <https://www.nptel.ac.in/courses/122030305>



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PRIYANKA MAHANTA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **54** %

Online Assignments	22.91/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL,
IIT Kharagpur



Indian Institute of Technology Kharagpur

Director

IIIT College of Management & Technology



Roll No: NPTEL23CSS1569302109

To validate the certificate



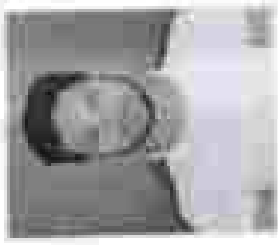
No. of credits recommended: 3 of 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RAKESH SAMANTRAY

for successfully completing the course

Management Information System

with a consolidated score of **70** %

Online Assignments	23.44/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerjee
Coordinator, NPTEL
IIT Kharagpur

Director

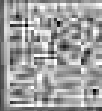
PI College of Management & Technology



Indian Institute of Technology Kharagpur

Roll No: NPTEL23M02AN5733002314

To verify the certificate



No. of credits recommended: 3 (or 4)



Elite

NPTEL Online Certification

(Funded by the MCE, Govt. of India)

This certificate is awarded to

RAKESH SAMANTRAY

for successfully completing the course

Cloud Computing

with a consolidated score of **71** %

Online Assignments	24.91/25	Proctored Exam	45.67/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **11454**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Director
AI College of Management & Technology

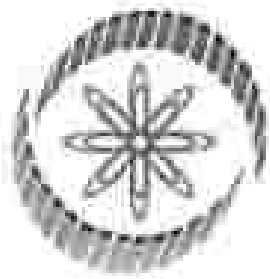


Edul No: NPTEL23G040553802023

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

RAKESH SAMANTRAY

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **60** %

Online Assignments	24.56/25	Proctored Exam	35.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **7689**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Co-ordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

NPTEL
National Institute of
Technology Management & Technology



Roll No: NPTEL23ECS2213650159

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

RAKESH SAMANTRAY

for successfully completing the course

Big Data Computing

with a consolidated score of **96** %

Online Assignments	22.08/25	Proctored Exam	73.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2778

Ratish

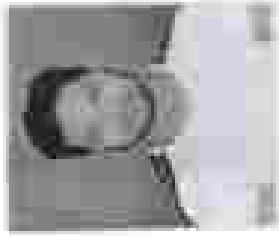
Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Aug-Oct 2023

(8 week course)

Satyajit

Prof. Satyajit Roy
UPTEL Coordinator
IIT Kanpur



Indian Institute of Technology, Kanpur



Roll No: NPTEL/2023/1255330023100

To verify the certificate

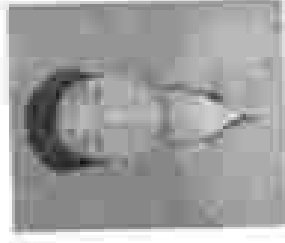


No. of credits recommended: 2 on 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RANJAN KUMAR NAIK

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **54** / 96

Online Assignments	24.16/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **25880**

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Jul-Oct 2023

(12 week course)

Course of Management & Technology



Indian Institute of Technology Kharagpur



To verify the certificate

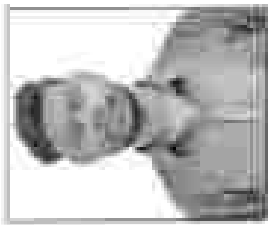
Roll No.: NPTEL20230805001042

No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ROHAN BHOI

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **54** %

Online Assignments	24.13/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 9534

Jul-Oct 2023

(12-week course)

M. Banerjee

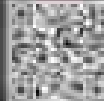
Prof. Malinani Banerjee
Coordinator, NPTEL
IIT Guwahati

V. K. S. Rao
Director

Director, Center of Innovation & Technology



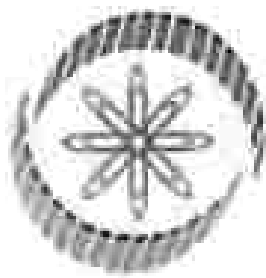
Indian Institute of Technology, Kharagpur



Roll No. NPTEL2023SEP533048151

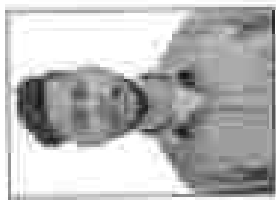
To verify the certificate

No. of credits accumulated: 3 of 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ROHAN BHOI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **54** %

Online Assignments	24.35/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023
(12 week course)

Debjani
Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

NPTEL

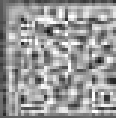
Director, NPTEL

J.I. College of Management & Technology



(Roll No.: NPTEL20231516902178)

To validate the certificate

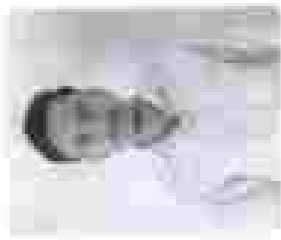


No. of credits recommended: Six (6)



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SANJAY MANDAL

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **58** %

Online Assignments	23.72/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Haimanti Banerjee

Prof. Haimanti Banerjee
Coordinator, NPTEL
IIT Madras



Indian Institute of Technology Madras

Haimanti Banerjee
Director

IIT College of Management & Technology



Roll No.: NPTEL/2023/05745201/3A

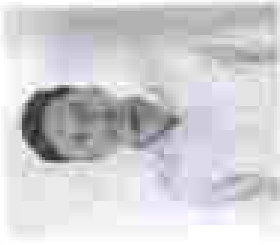
To verify the certificate

No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SANJAY MANDAL

for successfully completing the course

Management Information System

with a consolidated score of **55** %

Online Assignments	23.13/25	Proctored Exam	31.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 4345

Jul-Oct 2023
(12 week course)

Prof. Naimanthi Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



NPTEL
National Council of Management & Technical Education



FCI No: NPTEL23MCS84(5200274)

To verify the certificate

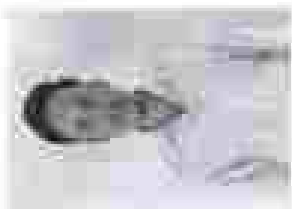


No. of credits recommended: 3.0 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SANJAY MANDAL

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12-week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT-Delhi



Indian Institute of Technology Kharagpur



Director
IIT College of Management & Technology



Roll No: NPTEL23IC542515650902

To validate the certificate

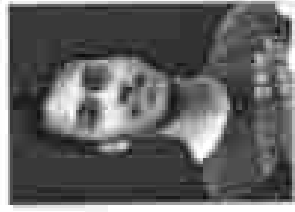


No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the M&E, Govt. of India)



This certificate is awarded to

SANTOSH KUMAR ACHARYA


for successfully completing the course

Data Analytics with Python

with a consolidated score of **54** %

Online Assignments	24.06/25	Proctored Exam	30.32/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 7860


 Prof. Sanjay Manjras
 Coordinator, Continuing Education Centre
 of IIT Bombay


 Prof. Prati Maheshwari
 NPTEL Coordinator
 IIT Bombay

Jan-Apr 2023
(12 week course)



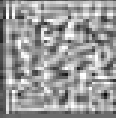
Indian Institute of Technology Bombay


 Director
 IIT Bombay
 Director of Management & Technology



Roll No. NPTEL20230485533000538

To validate the certificate



No. of credits recommended: 5 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SANTOSH KUMAR ACHARYA

for successfully completing the course:

Introduction to Soft Computing

with a consolidated score of **66** %

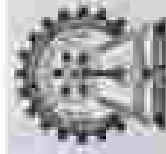
Online Assignments	24.71/25	Proctored Exam	41.33/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1105**

Jan-Mar 2023

(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Director
AIJ School of Management & Technology



Roll No: NPTEL20230945800712

To validate the certificate:



No. of credits recommended: 2.0/3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SANTOSH KUMAR ACHARYA

for successfully completing the course

Cloud Computing

with a consolidated score of **67** %

Online Assignments	24.69/25	Proctored Exam	42.09/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakrabarty
Coordinator, NPTEL
IIT Kharagpur

Director
IIT Centre of Management & Technology



Indian Institute of Technology / Kharagpur



REG NO: NPTEL2306435635003333



To validate the certificate

NPTEL credits recommended: 3/ cr. 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SATYA PRAKASH SAHOO

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **70** %

Online Assignments	23.1/25	Proctored Exam	46.88/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: 9793

Jul-Oct 2022

(12 week course)

Prof. Debjani Chatterberdy
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

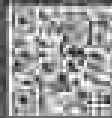


Director
National Institute of Management & Technology



4001001NPTEL220835558300937

To validate this certificate



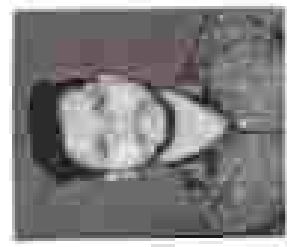
No. of certificates recommended: 9793



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SATYA PRAKASH SAHOO
for successfully completing the course

Management Information System

with a consolidated score of **60** %

Online Assignments	23.44/25	Proctored Exam	36.21/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4345**

Jul-Oct 2023
(12 week course)

N. Banerji
Prof. Naimanti Banerji
Associate Prof.,
IIT Kharagpur



Indian Institute of Technology Kharagpur

N. Banerji
Director

Director
School of Management & Technology



Roll No: NPTEL23MGBT83004985

To verify the certificate

No. of credits recommended: 3 of 6



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SATYA PRAKASH SAHOO

for successfully completing the course.

Cloud Computing

with a consolidated score of **62** %

Online Assignments	25/25	Proctored Exam	37.23/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **9640**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Dr. Debjani Chakraborty
Director
IIT College of Mathematical & Technological Studies

IIT College of Mathematical & Technological Studies



NPTEL No. NPTEL22CS39553010021

To validate the certificate



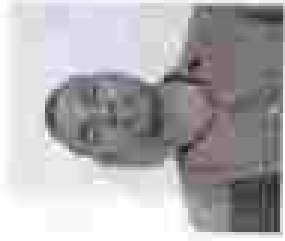
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SATYAJIT LENKA

for successfully completing the course

Cloud Computing

with a consolidated score of **60** %

Online Assignments	24.75/25	Proctored Exam	35.16/75
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Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Raimondi Banerji
Coordinator, NPTEL
IT Charge



Indian Institute of Technology Bombay

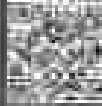


Director
IIT Bombay
Director of Management & Technology

swayam

Roll No: NPTEL3-CE005338013252

To verify the certificate



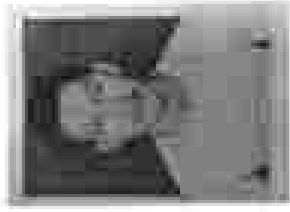
No. of credits recommended: 3 (B4)



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SATYAM SAHOO

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **75** %

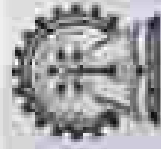
Online Assignments	24.78/25	Proctored Exam	50.5/75
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Total number of candidates certified in this course: **14770**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Director
College of Management & Technology



Roll No: NPTEL2023CS15SC001246

To validate the certificate

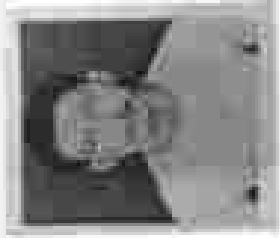
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SATYAM SAHOO

for successfully completing the course

Management Information System

with a consolidated score of **73** %

Online Assignments	23.75/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Haimanti Banerji

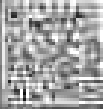
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Madras



Indian Institute of Technology Kharagpur

Abhishek
Director

College of Management & Technology



Roll No: NPTEL23MAYSTR0000007

To verify the certificate

No. of credits recognized: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SATYAM SAHOO

for successfully completing the course

Cloud Computing

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.95/75
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Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Department: NPTEL
at Khajipat



Indian Institute of Technology Khajipur



Director
IIT Khajipur



Roll No: NPTEL25KSI2555301651

To validate the certificate



No. of Credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the Min. Govt. of India)

This certificate is awarded to

SOURAV DASH

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **60** %

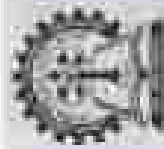
Online Assignments	23.91/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14770**

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Jan-Apr 2023

(12 week course)



Indian Institute of Technology Kharagpur

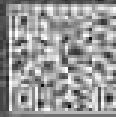


RI Centre of Management & Technology



Roll No. NPTEL20231553300372

To validate the certificate



No. of credits recommended: 3 for 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SOURAV DASH

for successfully completing the course

Management Information System

with a consolidated score of **71** %

Online Assignments	23.13/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

M. Banerjee

Prof. Himantani Banerjee
Coordinator, NPTEL
(IT, Guwahati)

M. Banerjee
Director

Director of Management & Technology



Indian Institute of Technology Kharagpur



Roll No: NPTEL23M/G075707400397

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

SUBRAT KUMAR MAHAPATRA

for successfully completing the course

Cloud Computing

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.85/75
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Total number of candidates certified in this course: 16686

Jul-Oct 2023

(12 week course)

Prof. Rajmouli Banerji
 Prof. Rajmouli Banerji
 Coordinator, NPTEL
 IIT Manager



Indian Institute of Technology Kharagpur



Director
 P. College of Management & Technology



Roll No.: NPTEL23CS190552301606

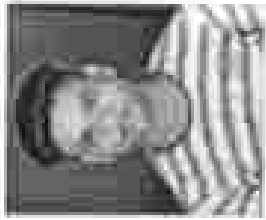
To verify the certification

No. of credits recommended: 3.0/4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUBRAT KUMAR MAHAPATRA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **56** %

Online Assignments	24.78/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Prof. Harimant Bhanerji
Coordinator, NPTEL
IIT Guwahati



Indian Institute of Technology Kharagpur

7. College of Management & Technology



Roll No.: NPTEL202308025280459

To verify the certificate

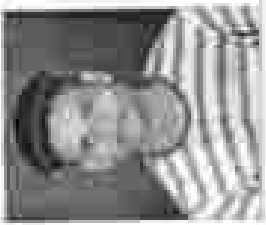
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUBRAT KUMAR MAHAPATRA

for successfully completing the course

Management Information System

with a consolidated score of **60** %

Online Assignments	23.44/25	Proctored Exam	36.61/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerjee
Coordinator, NPTEL
IIT Kanpur



Indian Institute of Technology Kanpur

Director
VIT-AP College of Management & Technology



Roll No: NPTEL23M/C91TS130200321

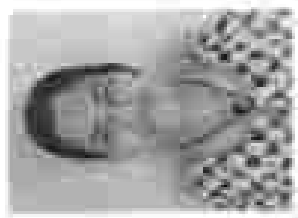
to verify the certificate

No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to:

SUCHETA SUBHALAXMI SWAIN

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **53** %

Online Assignments	23.13/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **7689**

Prof. Debjani Chakraborty

Prof. Debjani Chakraborty
Governor, NPTEL
IIT Kharagpur

Jun-Apr 2023

(12 week course)



Indian Institute of Technology Kharagpur



Director
IIT College of Management & Technology



Roll No: NPTEL2023CS23030005

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

SUJIT KUMAR BEHERA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **44** %

Online Assignments	11.22/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **9534**

Jul-Oct 2023

(12 week course)

Prof. Himanshu Bhowmik
Coordinator, NPTEL
IIT Stuttgart



Indian Institute of Technology, Kharagpur



101 Computer Management & Technology



Roll No.: NPTEL210CS6656503215

To verify the certificate



No. of credits recognized: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUJIT KUMAR BEHERA

for successfully completing the course

Management Information System

with a consolidated score of **40** %

Online Assignments	10/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 4345

Jul-Oct 2023

(12 week course)

Prof. Hajmanti Banerji

Prof. Hajmanti Banerji
Associate Prof.,
IIT Kharagpur



Indian Institute of Technology Kharagpur



Director
of College Enhancement & Technology



Roll No. NPTEL23MCG875730023019

To verify the Certificate

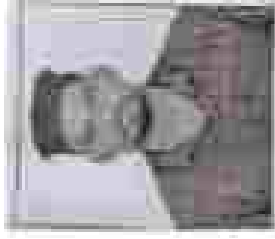


No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUNIL KUMAR MALLICK

for successfully completing the course

Cloud Computing

with a consolidated score of **58** %

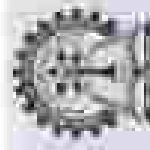
Online Assignments	25/25	Proctored Exam	33.33/75
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Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerjee
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Director
College of Management & Technology

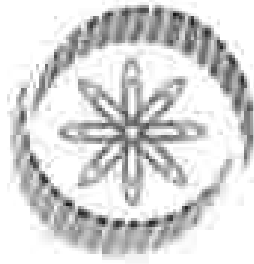


Roll No: NPTEL202301553266720

To verify this certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SUNIL KUMAR MALLICK

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	24.35/25	Proctored Exam	35.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Prof. Sunil Kumar Mallik

Prof. Sunil Kumar Mallik
Coordinator, NPTEL
IIT Kanpur



Indian Institute of Technology Kanpur

Dr. Sunil Kumar Mallik

Director
National Institute of Management & Technology



Roll No. NPTEL23081852620165

To verify this certificate



No. of credits recommended: 3 of 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SUNIL KUMAR MALLICK

for successfully completing the course

Management Information System

with a consolidated score of **64** %

Online Assignments	23.75/25	Proctored Exam	40.16/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 4345

Jul-Oct 2023

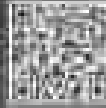
(12-week course)

Prof. Haimanti Banerji
Computer, NPTEL,
IIT Kharagpur



Indian Institute of Technology Kharagpur

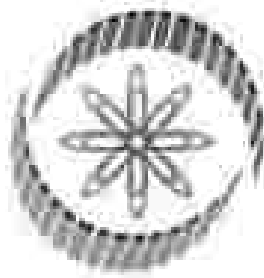
Director
Center of Management & Technology



Roll No: NPTEL23AIMG87510220526

To verify the certificate

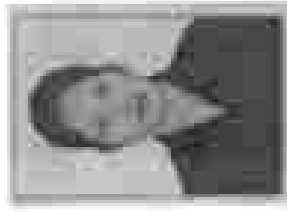
No. of credits accumulated: 3 of 4



Elite

NPTEL Online Certification

(Funded by the MCE, Govt. of India)



This certificate is awarded to

SUNITA NANDA

for successfully completing the course

Cloud Computing

with a consolidated score of **62** %

Online Assignments	24.69/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakrabarty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



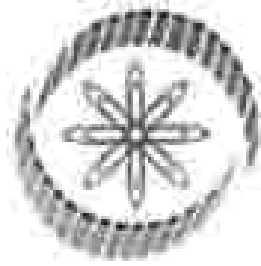
Director
IIT College of Management & Technology



Roll No: NPTEL23ACS47513650230

To validate the certificate

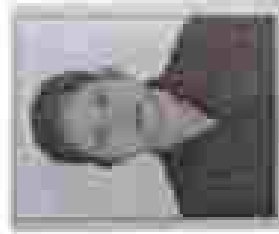
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MHRD, Govt. of India)



This certificate is awarded to

SUNITA NANDA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **72** %

Online Assignments	23.75/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course-25880

Jul-Oct 2023

(12 week course)

Helimanti Banerji

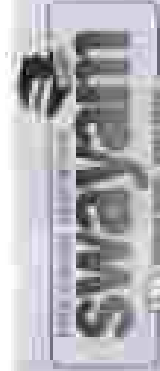
Prof. Helimanti Banerji
Coordinator, NPTEL
IT Manager



Indian Institute of Technology Kharagpur

NPTEL
The Centre
for
National
Technical
Education

A Centre of Management & Technology



Roll No: NPTEL23CSE396SKR02131

To verify the certificate



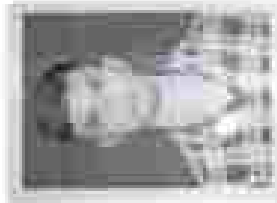
No. of credits recommended: 3.674



Elite

NPTEL Online Certification

(funded by the MoE, Govt. of India)



This certificate is awarded to

SURAJ SAHANI

for successfully completing the course

Cloud Computing

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	38.27/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty

Prof. Debjani Chakraborty
Coordinator, NPTEL
ET Member



Indian Institute of Technology Kharagpur



Director
College of Management & Technology



Roll No: NPTEL23CS425116620191

To validate the certificate



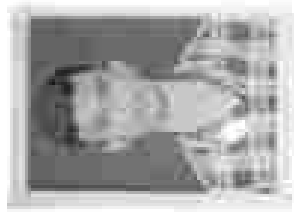
No. of credits recommended: 3 or 6



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SURAJ SAHANI

for successfully completing the course



Introduction to Internet of Things

with a consolidated score of **79** %

Online Assignments	24.56/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Department: NPTEL
IIT Guwahati



Indian Institute of Technology Guwahati

Director
College of Management & Technology



Roll No: NPTEL/CSE155302229

To visit the certificate



No. of credits recommended: 3 of 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SURAJ SAHANI

for successfully completing the course

Management Information System

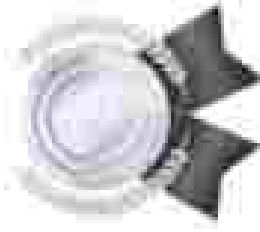
with a consolidated score of **77** %

Online Assignments	23.44/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)



H. Banerjee

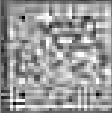
Prof. Haimanti Banerjee
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology (Murugapur)

Vishwanath

Vishwanath
Director
College of Management & Technology



Roll No: NPTEL23MIS875733063569

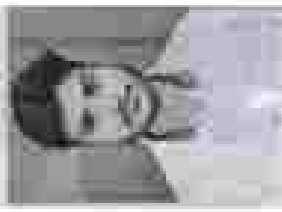
To verify the certificate

No. of errors recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUVENDU DAS

for successfully completing the course

Cloud Computing

with a consolidated score of **54** %

Online Assignments	23.75/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **11454**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS42SS392167

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

TAPAN KUMAR SAHU

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

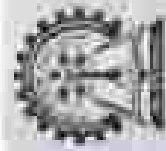
Online Assignments	24.38/25	Proctored Exam	30.62/75
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Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

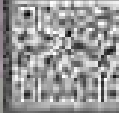


Director
IIT College of Management & Technology



Roll No: NPTEL2306542514902525

To validate the certificate



No. of credits recommended: 3 of 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

TAPAN KUMAR SAHU

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **61** %

Online Assignments	24.78/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course-25880

Jul-Oct 2023

(12 week course)

Haimanti Banerji

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Director

IIITM College of Management & Technology



Hall No: NPTEL20230921290171

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

TAPAN KUMAR SAHU

for successfully completing the course

Management Information System

with a consolidated score of **70** %

Online Assignments	23.44/25	Proctored Exam	46.97/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 4345

Jul-Oct 2023

(12 week course)

Naimanti Banerji

Prof. Naimanti Banerji
Coordinator, NPTEL
(IIT Kharagpur)



Indian Institute of Technology, Kharagpur

Naimanti Banerji

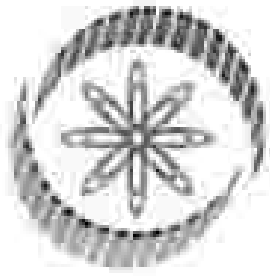
Director
College of Management & Technology



Roll No.: NPTEL23MCS7G1183551

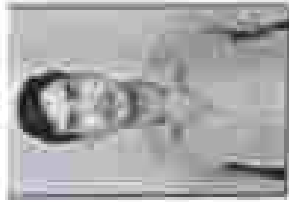
To verify the certificate

No. of credits recommended: 3 of 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

UDAY NAIK

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Abhinav

Prof. Debjani Chakraborty
Co-Director, NPTEL
IT Manager



Indian Institute of Technology Kharagpur

Dr. Suman
Director
e3 Centre of Management & Technology



Roll No: NPTEL23UGS1751865-0511

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

UDAY NAIK

for successfully completing the course



Introduction to Internet of Things

with a consolidated score of **75** %

Online Assignments	24.13/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 25880

Jul-Oct 2023

(12 week course)

Raimond Banerji

Prof. Raimond Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

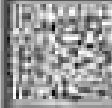
Vibha Sengupta
Vibha Sengupta
Faculty

IIT College of Management & Technology



Roll No: NPTEL20CS48803000101

To verify the certificate

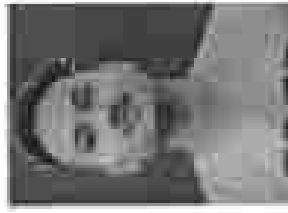


No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ABHISEK MOHAPATRA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **58** %.

Online Assignments	23.91/25	Proctored Exam	34.37/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 7689

Jan-Apr 2023

(12 week course)

Abhishek

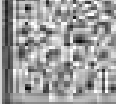
Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Manager



Indian Institute of Technology Kharagpur

Abhishek

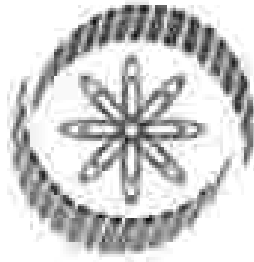
Director
IIT College of Management & Technology



Roll No: NPTEL16JSS569430000

To validate the certificate

No. of credits accumulated: 3 (4)



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JYOTI RANJAN MISHRA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **62** %

Online Assignments	22.66/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course **25880**

Jul-Oct 2023

(12 week course)

Prof. Harimani Bhanot

Prof. Harimani Bhanot
Coordinator, NPTEL
IT Manager

Dr. B. S. Ramesh

Director

Director of Management & Technology



Indian Institute of Technology Kharagpur



Form No: NPTEL/EXP/SW/2023/004046

To verify the certificate



No. of credits re-credited will be 3 for a



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JYOTI RANJAN MISHRA


for successfully completing the course

Data Analytics with Python

with a consolidated score of **54** %

Online Assignments	24.38/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 7860


 Prof. Sanyam Mishra
 Coordinator, Computing Education Centre
 IIT Roorkee


 Prof. Prati Maheshwari
 NPTEL Coordinator
 IIT Roorkee

Jan-Apr 2023
 (12 week course)

IIT College of Management & Technology



Indian Institute of Technology Roorkee



Roll No: NPTEL23CS01155307657

To validate the certificate

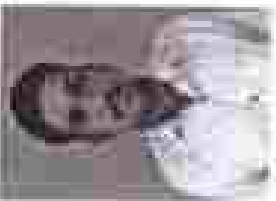


NO. of credits recommended: 3/0/4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JYOTI RANJAN MISHRA

for successfully completing the course

Cloud Computing

with a consolidated score of **57** %

Online Assignments	24.78/25	Proctored Exam	32.66/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Director

IIT College of Management & Technology

Prof. Debjani Chakraborty
Coordinator, NPTEL
of IITM



Indian Institute of Technology Khargpur



Roll No: NPTEL23CS4251B250993

To validate the certificate



No. of credits recommended: 3 or 4

NPTEL 2020-21

Sl.No.	Name of the students	Registration No.	Subjects
1	ABHISHEK SHARMA	2005271001	Cloud Computing
			Machine Learning
			Introduction To Internet of Things
2	AKSHAY KUMAR MAHANTA	2005271003	Cloud Computing
			Introduction To Internet of Things
			Advanced Computer Architecture
3	BIKASH KUMAR DALET	2005271004	Cloud Computing
			Introduction To Internet of Things
4	DIHYA RANJANA SAHOO	2005271005	Cloud Computing
			Management Information System
			Introduction To Internet of Things
5	DIPTI REKHA MALLICK	2005271006	Cloud Computing
			Advanced Computer Architecture
			Introduction To Internet of Things
6	GIRISH CHANDRA BEHERA	2005271007	Cloud Computing
			Introduction To Internet of Things
7	JITENDRA JENA	2005271009	Machine Learning
			Introduction To Internet of Things
			Data Mining
8	K NAVEEN RIDDY	2005271010	Introduction To Internet of Things
			Cloud Computing
9	MANAS RANJAN ACHARYA	2005271011	Computer Architecture
			Cloud Computing
			Introduction To Internet of Things
10	NIRALI MISIHA	2005271012	Cloud Computing
			Data Mining
			Introduction To Internet of Things
11	PALLABI BEHERA	2005271013	Cloud Computing
			Introduction To Internet of Things
12	PRAMOD KUMAR MALLICK	2005271014	Cloud Computing
			Cloud Computing
13	PRIYA BANKARA	2005271015	Cloud Computing
			Introduction To Internet of Things
			Cloud Computing
14	RITUSRI BARIK	2005271016	Introduction To Internet of Things
			Machine Learning
15	SAMBIT SWAIN	2005271017	Cloud Computing
			Advanced Computer Architecture
			Cloud Computing
16	SARJESWAR SAHOO	2005271018	Introduction To Internet of Things
			Cloud Computing
17	SUCHIT KUMAR SHARMA	2005271019	Introduction To Internet of Things
			Cloud Computing
			Data Mining
18	SUMANTA KUMAR PADHI	2005271020	Introduction To Internet of Things
			Deep Learning

Odisha State Council of Educational Research and Training
 Odisha State Council of Educational Research and Training

19	SURAJ KUMAR SIKDAR	2005271022	Cloud Computing Data Mining Machine Learning Cloud Computing
20	TAPAS KUMAR PATNAIK	2005271023	Introduction To Internet of Things Management Information System Cloud Computing
21	AKASH BEHERA	2005271024	Introduction To Internet of Things Computer Graphics Cloud Computing
22	AKHIL BARIK	2005271025	Introduction To Internet of Things Computer Graphics
23	AMARJYOTI MAHANTA	2005271026	Cloud Computing Introduction To Internet of Things Cloud Computing
24	AMBARISA SARANGI	2005271027	Data Mining Introduction To Internet of Things
25	HHAGYALAXMI NAYAK	2005271029	Introduction To Internet of Things
26	BINU SUNA	2005271030	Introduction To Internet of Things Advanced Computer Network
27	BISWA PRAKASH PATRA	2005271031	Data Mining Cloud Computing Machine Learning Cloud Computing
28	CHANDAN KUMAR MANDARAJ	2005271032	Introduction To Internet of Things Computer Networks and Internet Protocol Cloud Computing
29	HIMANSHU BHUSAN SETTY	2005271033	Introduction To Internet of Things Data Mining Computer Graphics
30	KAMALISHARUK	2005271034	Introduction To Internet of Things Cloud Computing
31	PARTHAPRATIMA MAHAPATRA	2005271035	Introduction To Internet of Things Machine Learning Introduction To Internet of Things Cloud Computing
32	POONAM	2005271036	Advanced Computer Architecture Computer Graphics Database Management System
33	SANTOSIS MEHLANTY	2005271037	Machine Learning Introduction To Internet of Things Cloud Computing
34	SATYARANJAN SAMAL	2005271038	Database Management System Data Mining

36	SOMANATHI JENA	2005271040	Introduction To Internet of Things Cloud Computing Cloud Computing and Distributed Systems Introduction To Soft Computing
37	SCHIMIYA BANJAN DEY	2005271043	Cloud Computing Data Mining Advanced Computer Network
38	SRIKANTA SATAPATHY	2005271043	Cloud Computing Introduction To Internet of Things Machine Learning
39	SUKANTA KUMAR BEHERA	2005271044	Cloud Computing Introduction To Internet of Things Management Information System
40	SUSHREE SANGITA SWAIN	2005271046	Cloud Computing Introduction To Internet of Things Computer Graphics


 Teacher
 College of Water Resources & Environment

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

Roll No: NPTEL20CS20533250033

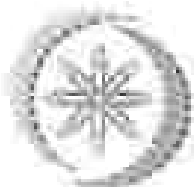
To
ABHISHEK SHARMA,
C/O: RICE SALUDA, KUDWALA,
DISTRICT: SINGARAYERI,
KARNATAKA
CITY: 576214
PH. No: 9882866666



Score	Type of Certificate
40-50	Silver-Gold
75-80	Elite-Glass
80-85	Elite
85-90	Successfully Completed
90	Ac Certificate

No. of credits recommended by NPTEL: 3

Additional 3 credits may be awarded if the following criteria are met: (i) 80% or more of the actual credits earned; (ii) 80% or more of the actual credits earned; (iii) 80% or more of the actual credits earned.



Elite

NPTEL Online Certification

(Funded by the MHRD, Govt. of India)



This certificate is awarded to

ABHISHEK SHARMA

for successfully completing the course

Cloud Computing

with a consolidated score of **63** %

Online Assignments: 23.85/25 | Proctored Exam: 39.81/75

Total number of candidates certified in this course: 4701

Prof. Jayaprakash Narayan
Vice-Chancellor
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakrabarty
Deputy Director
IIT Kharagpur



NPTEL Center of Technology Management

PJ College of Management & Technology



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

Roll No: NPTEL20CS24543290314

To
Abhishek Sharma
Sri Sri Institute of Education &
Research, Gundlupet
Kodagu
KARNATAKA
PIN: 577301



Score	Type of Certificate
40-60	Provisional
75-80	Distinction
70-75	Dist
60-65	Successfully Completed
40-60	No Certificate

No. of credits recommended by NPTEL-2

An additional 1 credit may be awarded if the University awards a Ph. D. based on the course content offered.



NPTEL Online Certification

(Constituted by the Min., Govt. of India)



This certificate is awarded to

ABHISHEK SHARMA

for successfully completing the course

Machine Learning, ML

with a consolidated score of **57** %

Online Assignments	20/65/25	Proctored Exam	36/34/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 403

Prof. Anshu Tiwari

NPTEL, IIT Madras

www.nptel.ac.in/course/20CS24543290314

Feb-Apr 2022

15 week course

Director
College of Management & Technology

Prof. Anshu Tiwari
NPTEL, IIT Madras
IITM



Indian Institute of Technology Madras

College of Management & Technology



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

Roll No: NPTEL22CS5302051536

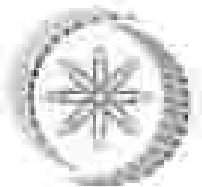
To
ABHISHEK SHARMA
DCEA MIT NAGAR, COIMBATORE,
DISTRICT-SUDHAKARA,
KARNATAKA
INDIAN - 570014
PH.No: 9881144444



Score	Type of Certificate
75-100	Distinction
65-75	Distinction
55-65	Distinction
45-55	Distinction
35-45	Distinction
25-35	Distinction
15-25	Distinction
5-15	Distinction
0-5	Distinction

No. of credits recommended by NPTEL: 3

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



Elite

NPTEL Online Certification

Powered by the MIT, MIT of India



This certificate is awarded to
ABHISHEK SHARMA
for successfully completing the course

Introduction to Internet of Things

with a cumulative score of **64** %

Online Assignments	24.31/25	Proctored Exam	39.8/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 6573 **PJ College of Management & Technology**

AB Sharma

Director

Prof. Jayanta Mukhopadhyay
Department of IT
IIT Bombay

Jan-Apr 2022
(14 week course)

Prof. Ekram Choudhury
Department of IT
IIT Bombay



Center for Online Education, IIT Bombay



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

Roll No.: NPTEL20CS20512231471

Eligible credit subjects:
Operating Systems, Network
Security, Computer System
Architecture
Mobile Systems
No. of Credits: 4



Score	Type of Certificate
40-60	Distinction
35-40	Dist. Grade
30-35	Dist.
20-30	Satisfactorily Completed
10-20	No Certificate

No. of credits recommended by NPTEL:

As per the following table (depending on scoring of the candidate) (Grade 4-10, based on the above mentioned offer, marking)



NPTEL Online Certification

(Funded by the MHRD, Govt. of India)



This certificate is awarded to

AKSHAY KUMAR MAHANTA

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments **24/25** | Proctored Exam **30.95/75**

Total number of candidates certified in this course: 4791


Prof. Jayashree Mahapatra
Coordinator
of course

20th Apr 2021
(12 week course)


Prof. Anand Choudhary
Coordinator
of course



Anna University of Technology, Chennai



NPTEL20CS20512231471

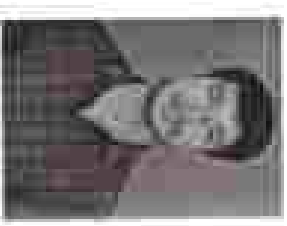
NPTEL20CS20512231471


Director
of College of Management & Technology



NPTEL Online Certification

(Funded by the MOE, Govt. of India)



This certificate is awarded to

AKSHAY KUMAR MAHANTA

for successfully completing the course

Advanced Computer Architecture

With a consolidated score of **53** %

Online Assignments	23.44/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **466**

Dinesh Kumar

Prof. Dinesh Kumar

Chairman,

Centre for Advanced and Digital Education (CADE)

Jan-Apr 2023

(12 Week course)



Andrew Thiagaraj

Prof. Andrew Thiagaraj

NPTEL Coordinator

IT Madras



Institute Institute of Technology Madras

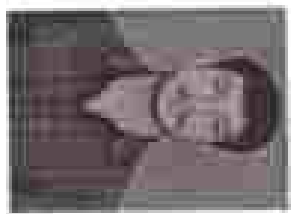




Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
AKSHAY KUMAR MAHANTA
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **61** %

Online Assignments	23.1/25	Proctored Exam	37.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

N. S. Srinivasan
Director

NPTEL Director of Management, 2013/2020/21

Prof. Debjani Chakraborty
Vice-Chair, NPTEL
at Khargpur

Akshay



Institute Institute of Technology Khargpur



Toll No: NPTEL 202595246080555

To validate the certificate



No. of credits recommended: 3 or 4

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

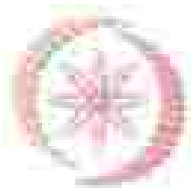
Roll No: NPTEL20220904251704

To: _____
 Institution: _____
 Address: _____
 Pin: _____



Sl. No.	Grade
1	A
2	A
3	A
4	A
5	A

No. of credits recommended by NPTEL: _____
 An official certificate is issued only if the candidate scores 75% or more in each of the three courses.



Elite

NPTEL Online Certification

Constituted by the UGC, Govt. of India



This certificate is awarded to
EIKASH KUMAR DALEI
 for successfully completing the course

Cloud Computing

With a cumulative score of **63** %

Online Assignments	23/30/25	Practical Exam	39/45
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 4793

Prof. Jayaprakash Narayan
 Vice-Chancellor
 IIT Bombay

Jan-Apr 2022
 (12-week course)

Prof. Rajiv Ranjan
 Vice-Chancellor
 IIT Madras



Indian Institute of Technology Bombay

Director
 P.J. College of Management & Technology



NPTEL20220904251704

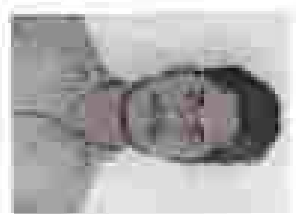
NPTEL20220904251704



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BIKASH KUMAR DALEI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **67** %

Online Assignments	23.31/25	Proctored Exam	43.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)



PG College of Management & Technology

Prof. Deejan Chakraborty
Coordinator, NPTEL
BT, Bhubaneswar



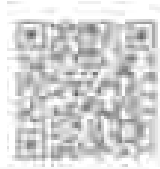
Indian Institute of Technology (IIT) Roorkee



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

Ref No: NPTEL22A5T0561251061

To
 Name: **Diya Ranjana Sahoo**
 Roll No: **22A5T0561251061**
 Institute: **FIIT Jodhpur**
 Branch: **Computer Science**
 Address: **FIIT Jodhpur**
 Pin: **342004**



Sl. No.	Topic or Condition
1	100%
2	75%
3	50%
4	Minimum 75%
5	75% or above

No. of credits recommended by NPTEL: 3
 To obtain 11 credit hours, students must complete 33 hours of this course. (11 hours of this course are recommended for 3 credit hours)



Elite
NPTEL Online Certification
 (Created by the NPTEL team of IITs)



This certificate is awarded to
DIBYA RANJANA SAHOO
 for successfully completing the course

Cloud Computing

with a consolidated score of **60** %

Online Assignments: 22/44/25	Practical Exam: 37.25/75
------------------------------	--------------------------

Total number of candidates certified in this course: 4021



January 2023
 (12:00PM - 12:30PM)



National Institute of Technology

Director
FJ College of Management & Technology

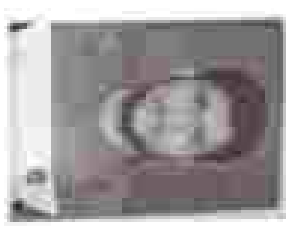




Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

DIBYA RANJANA SAHOO

for successfully completing the course

Management Information System

with a consolidated score of **66** %

Online Assignments	22.19/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **1966**

JUL-OCT 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IT, Oursajpur

Dr. Soma W. Misra, NPTEL Director



Indian Institute of Technology Kharypur

Roll No: NPTEL22MS108563080715

To validate the certificate



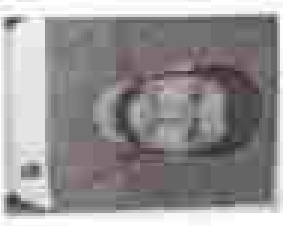
515301 credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

DIBYA RANJANA SAHOO

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **64** %

Online Assignments	22.25/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

21 Center of Management & Technology

Prof. Debjani Chakraborty
Coordinator, NPTEL
CT, Kharagpur



Indian Institute of Technology Kharagpur



NPTEL ID: IITKGP/2022/SS/SA/20060725

To validate the certificate



Also, 6M credits recommended: 3 or 4

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

Roll No: NPTEL22CS209543251018

To:
DIPTI REKHA MALICK
87 JAYABAD, NIMHARPADA, PO
CUTTACK - 751008
PIN-NO-751002



Score	Type of Certificate
68%	Elite
75-89	Elite Plus
80%	Elite
81-90	Successful Candidate
90%	No Certificate

No. of credits recommended by NPTEL: 3

An additional 1 credit may be awarded if the University deems fit, based on the credit system of the university.



Elite

NPTEL Online Certification

Organized by the MoE, Govt. of India



This certificate is awarded to

DIPTI REKHA MALICK

for successfully completing the course

Cloud Computing

with a consolidated score of **68 %**

Online Assignments	23.97/25	Proctored Exam	44.39/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 4703

Prof. Jayanta Mukhopadhyay
Dean, Education
IIT Manager

Jan-Apr 2022
(12 week course)

Director

Prof. Debjani Chakrabarty
Professor, IITM
IIT Manager



Indian Institute of Technology Management

IITM College of Management & Technology



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

Roll No: NPTEL22CS10503251546

To
DIPTI REKHA MALLICK
28, JyotiBati, Anandapada, Palam
Delhi - 110046
PH. NO 9917328125

Score	Type of Certificate
40-50	Elite-Gold
75-80	Elite-Glass
>80	Elite
40-50	Successfully Completed
<40	No Certificate



No. of credits recommended by NPTEL: 3

Additional Credit may be awarded if the University, having a tie, based on its own study credit system.



Elite

NPTEL Online Certification

(Funded by the IITs, Govt of India)



This certificate is awarded to
DIPTI REKHA MALLICK
for successfully completing the course

Advanced Computer Architecture

with a consolidated score of **63** %

Dipti Rekha Mallik
By College of Management & Technology

Online Assignments	16.25/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 145

Feb-Apr 2022
(8 week course)

Shreyas
Prof. Bharat G Kaulik
Head, Centre for Educational Technology
IIT, Gandhinagar, Bangalore



Indian Institute of Technology Gandhinagar





Elite

NPTEL Online Certification

(Funded by the MOE, Govt. of India)



This certificate is awarded to

DIPTI REKHA MALLICK

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **69** %


Online Assignments	22.47/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

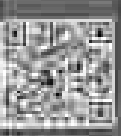

Director

Director of Management & Systemology


Prof. Debjani Chakravorty
Coordinator, NPTEL
at IIT Guwahati



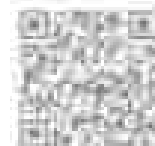
Indian Institute of Technology Guwahati



This certificate in computer programs can be verified by scanning the QR code given below



Roll No.	Name of Candidate
1577	Behera Girish
1578	Behera Girish
1579	Behera Girish
1580	Behera Girish
1581	Behera Girish
1582	Behera Girish



See list of credits recommended by NPTEL at www.nptel.ac.in



NPTEL Online Certification

(Presented by the All India Institute of Engineering & Technology)



This certificate is awarded to
GIRISH CHANDRA BEHERA
 for successfully completing the course

Cloud Computing

with a final overall score of **58** %

Online Assignments | 23.75/25 | Practical Exam | 34.25/35

*Total number of candidates certified in this course: 4081



Issued on 2022
 (11/04/2022)

Approved
 Prof. Girish Chandra Behera
 Director



Ministry of Education, Government of India

Girish Behera
 Director

PJ College of Management & Technology



NPTEL ID: NPTEL20020031291577

NPTEL ID: NPTEL20020031291577



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

GIRISH CHANDRA BEHERA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **54** %

Online Assignments	22.66/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022

(12 week course)

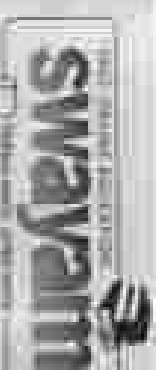


Prof. Debjani Chakraborty
Coordinator, NPTEL
IT Manager

Director
VJ Saha (Vijaykrishna Saha)



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL22CE34543251830
To: Jitendra Jena
IITM
Mumbai, India
Pin-400 075, India

Score	Type of Certificate
100	Distinction
80-99	Merit
60-79	Satisfactorily Completed
50	Not Certified



No. of credits recommended by NPTEL: 3

As indicated 3 credit may be assigned if the certificate holder is an eligible student of the concerned institution.



NPTEL Online Certification

Presented by the AICTE, Govt. of India



This certificate is awarded to
JITENDRA JENA
for successfully completing the course

Machine Learning- ML

with a consolidated score of **50** %

Online Assignments	18.9/25	Proctored Exam	30/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: 403

Prof. Debendra Kumar
Director
NPTEL (National Programme on Technology Enhanced Learning)

Fall-Aut 2022
(2nd week August)

LibScribe

Prof. Aruna Tripathi
NPTEL Director
IITM



Indian Institute of Technology Mumbai

Director
P.J. College of Management & Technology

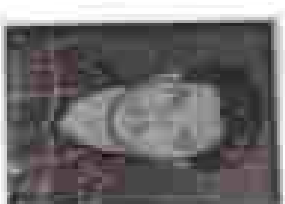




Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JITENDRA JENA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	22.69/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Vice-Chancellor, IIT Kharagpur



Indian Institute of Technology, Kharagpur

Roll No. NPTEL22CS965A000003

To validate the certificate



No. of copies recommended: 3 of 4



NPTEL Online Certification

(Funded by the MOE, Govt. of India)



This certificate is awarded to

K NAVEEN REDDY

for successfully completing the course

Data Mining

with a consolidated score of **53** %

Online Assignments	18.33/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **4368**

Jan-Mar 2023
(8 week course)

Prof. Deejan Chakraborty
Coordinator, NPTEL
IT Kharagpur



Indian Institute of Technology Kharagpur

NPTEL Center for Management & Technology





Elite

NPTEL Online Certification

(Funded by the MOC, Govt. of India)

This certificate is awarded to

K NAVEEN REDDY

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **70** %

Online Assignments	23.72/25	Proctored Exam	46.57/5
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 25880

JUL-Oct 2023

(12 week course)



Director
Centre of Management & Technology

Mohanraj Bannur

Prof. Mohanraj Bannur
Coordinator, NPTEL
IT Phalguni



Indian Institute of Technology Kharagpur



Roll No: NPTEL230505573001199

To verify the certificate



No. of credits accumulated: 3.000

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

Roll No: NPTEL21CS20531230674

To
MANAS RANJAN ACHARYA
SATHISATI DHULIPADA
TRICI BHADRAN, PO:DH. 751120
BHADRAN
JODHPAL, TEJEPUR
PIN. NO. 760074&12



Score	Type of Certificate
75-100	Elite+Gold
75-85	Elite+Silver
75-60	Elite
40-69	Successfully Completed
0-39	No Certificate

No. of credits recommended by NPTEL: 3

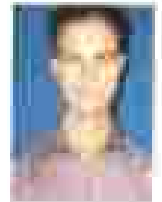
An additional 1 credit may be awarded if the University, deemed fit, based on the actual student effort. (optional)



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MANAS RANJAN ACHARYA

for successfully completing the course

Cloud Computing

with a consolidated score of **62** %

Online Assignments	20.35/25	Proctored Exam	41.66/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 4701



Prof. Jayanta Bhattacharyya
Head, Center
of Manager

Jan-Apr 2022
(12 week course)

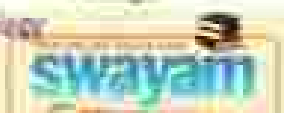


Prof. Debjani Chakraborty
Coordinator, NPTEL
of Manager



Indian Institute of Technology (IIT) Kharagpur

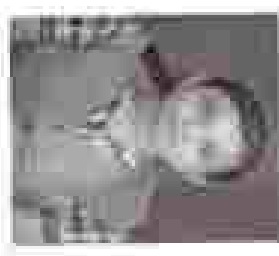
PU College of Management & Technology





NPTEL Online Certification

(Funded by the MHR, Govt. of India)



This certificate is awarded to

NIRALI MISHRA

for successfully completing the course

Computer Architecture

with a consolidated score of **50** %

Online Assignments	20/25	Proctored Exam	30/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: **2241**

Dr. Debendra Mishra

Prof. Debendra Mishra

Chairman,

Forum for Quality and Digital Education, IITM

Jul-Oct 2023
(12 week course)

Dr. Debendra Mishra
Director,
Faculty of Management & Technology

Dr. Debendra Mishra

Prof. Anurag Thangaraj
Prof. Anurag Thangaraj
Vice-Chancellor,
IIT Madras



Indian Institute of Technology Madras





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

NIRALI MISHRA

for successfully completing the course

Cloud Computing

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	35.19/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **9640**

Jul-Oct 2022
(12 week course)

Prof. Udayjit Chakraborty
Coordinator, NPTEL
IT, Osangpur



Indian Institute of Technology Kharagpur

Director
E-Learning (Assignment & Examination)



Roll No: NPTEL2208SS99553081159

To validate this certificate



NO. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MDE, Govt. of India)



This certificate is awarded to

NIRALI MISHRA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **68** %

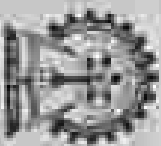
Online Assignments	22.88/25	Proctored Exam	45.32/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

PI College of Management & Technology

Prof. Debjani Chakrabarty
Coordinator, NPTEL
at Mysore



Indian Institute of Technology Khargpur



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

Roll No: NPTEL202320533251615

To
PALLABI BEHERA
BAJPEE NIGH, JINDOYI (NH)
PS-NANAKALU, POST-NR
BARDHANA
ORISSA - 751015
PH. NO. 9439018994



Score	Type of Certificate
75-79	Elite+Gold
70-74	Elite+Silver
65-69	Elite
60-64	Successfully Completed
<60	No Certificate

No. of credits recommended by NPTEL:

No additional credit may be awarded if the University, school/college award its own credit/other benefit



Elite

NPTEL Online Certification

(Funded by the MHRD, Govt. of India)



This certificate is awarded to

PALLABI BEHERA

for successfully completing the course

Cloud Computing

with a consolidated score of **61** %

Online Assignments	23.53/25	Proctored Exam	37.25/75
--------------------	----------	----------------	----------

Total number of candidates enrolled in this course: 4701

THE JAYWANT FOUNDATION

10th Apr, 2023

(12 week course)

Prof. Debraj Choudhury

(Director, NPTEL)

(IIT Kharagpur)



Indian Institute of Technology, Kharagpur

Director
IIT College of Management & Technology



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

Roll No: NPTEL27C5T1523251061

TO
PALLABI BEHERA
BAPTE NGER, JAYDEVIWAL
PO ANANALI, POST BEL
KURKURA
GUWAHATI - 781014
PIN NO: 00000000



Score	Type of Certificate
70%	Certificate
75%	Certificate
80%	DIP
85-90	Distinction Certificate
90%	Gold Certificate

No. of credits recommended by NPTEL2:

An additional credit may be awarded if the University/Institution is a member of the awarding institution.



NPTEL Online Certification

(Fronted by the M.E. Dept. of IITM)



This certificate is awarded to

PALLABI BEHERA

for successfully completing the course:

Data Mining

with a consolidated score of **55** %

Online Assignments	24.50/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 709


Prof. Dipak Choudhury
Department of IITM

Feb-Apr 2023
8 week course



Prof. Dipak Choudhury
Department of IITM



Head Institute of Technology, Mumbai

Director
IIT College of Management & Technology





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PALLABI BEHERA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **62** %

Online Assignments	21.66/25	Proctored Exam	40.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

College of Management & Technology



Director

Prof. Debdip Chakraborty
Coordinator, NPTEL
IT, Kharagpur



Institute Institute of Technology, Kharagpur



Roll No.: NPTEL22CS96553081098

To validate the certificate



No. of Google Recommendations: 31074

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

Roll No: NPTEL22CS228L11250760

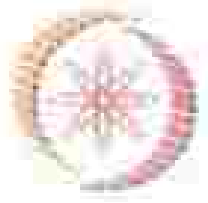
To
PRAMOD KUMAR MALICK
SAJIBAPAT, ARUNACHAL PRADESH
INDIA
JALPAIGURI
786001
PIN CODE: 786001



Score	Type of Certificate
4-50	Non-Cert
45-50	Employment
4-45	Cert
44-50	Secondary Certificate
4-44	With Certificate

No. of credits recommended by NPTEL3

An additional 1 credit may be awarded to the following: Scores 44-50 based on the individual institution's criteria



NPTEL Online Certification

Part of the JNTU, Govt of India



This certificate is awarded to
PRAMOD KUMAR MALICK
for successfully completing the course

Cloud Computing

with a consolidated score of **52** %

Online Assignments	21.78/25	Proctored Exam	30/25
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 4701


Prof. Jayanti Bhattacharya
Director
NPTEL

Jan-Apr-2022
(12 week course)


Prof. Jitendra Choudhary
Director
NPTEL



Indian Institute of Technology Hyderabad

Director
FJ College of Management & Technology



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

Roll No: NPTEL20232023257000

To
PRIYA BANKARA
ATLANTA INSTITUTE OF TECHNOLOGY
4915 WOODRIDGE, SUITE 101, LAWRENCE,
GEORGIA, 30046
USA
PH: 770-962-6262



Score	Type of Certificate
100%	Distinction
75%	Merit
60%	Cite
50%	Satisfactory / Completed
40%	All Certificate

No. of credits recommended by NPTEL is

(An additional 1 credit may be awarded if the University/Institute is, based on the usual conversion process)



NPTEL Online Certification

Awarded to the M.E. level of study



This certificate is awarded to

PRIYA BANKARA

for successfully completing the course

Cloud Computing

with a consolidated score of **54** %

Online Assignments	23.85/25	Practical Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 4201


Prof. Ajay Kulkarni
Head, Center
of Excellence

Jan-Apr 2023
(12 weeks course)


Prof. Rajesh Chakrabarti
Director, NPTEL
of India



Anna Institute of Technology, Chennai



NPTEL is a joint venture of

Indian Institute of Technology, Bombay


Dr. Jyoti Chavhan
Director
of Center of Management & Technology



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PRIYA BANKARA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **56** %

Online Assignments	21.66/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

Dr. College of Management & Technology

Director

Prof. Debjani Chakraborty
Coordinator, NPTEL
Dr. Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL202205513090927

To validate the certificate



No. of credits recommended: 3 or 4

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

Roll No: NPTEL20CS2033250799

Academic
LA 60071500000000000000000000000000
KA 00071500000000000000000000000000
TA 00000000000000000000000000000000
00000000000000000000000000000000
00000000000000000000000000000000



Name	Type of Certificate
with	Distinction
First	Distinction
with	Merit
with	Satisfactory Completion
with	No Certificate

No. of credits recommended by NPTEL:

Additional Credit may be earned. For details, contact N, Book or Global Inquiries Dept. (www.nptel.org)



NPTEL Online Certification

For One to One MEd. Tech. students



This certificate is awarded to

RITUSHI BARIK

for successfully completing the course

Cloud Computing

with a consolidated score of **56 %**

Online Assignments	23.36/25	Practical Exam	33.08/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course : 4705


Prof. Jayanta Mukhopadhyay
Head, NPTEL
IIT Madras

Jan-Apr 2022
172 week (course)


Prof. Souvik Chatterjee
Head, NPTEL
IIT Madras



From Ministry of Technical Education



NPTEL (NPTEL20CS2033250799)

NPTEL (NPTEL20CS2033250799)


Director
P.J. College of Management & Technology



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RITUSRI BARIK

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **54** %

Online Assignments	22.88/25	Proctored Exam	31.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022

(12 week course)

Faculty of Management & Technology



Prof. Debdutta 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.

Roll No: NPTEL20CS105432B07E

To
RITUSRI BARIK
60, PLOT 1, KALAKATA, RAJAGHAT, KOLKATA
751005, WEST BENGAL, INDIA
9830443302
033-2661-1039
91-9830443302



Score	Type of Certificate
40%	Minimum
75-80%	High-Distinction
80%	Distinction
85-90%	Highly Commendable
90%	Very Commendable

No. of credits recommended by NPTEL:

Additional condition is needed if the student scored 40% need to see what is the other condition.



NPTEL Online Certification

Part of the M.E. Govt. of India



This certificate is awarded to

RITUSRI BARIK

for successfully completing the course

Machine Learning, ML

with a consolidated score of **51** %

Online Assignments	18/25	Final Exam	30/60%
--------------------	-------	------------	--------

Total number of candidates certified in this course: 463

Dr. Suman Jyoti

Prof. Suman Jyoti

Director, NPTEL

16th April 2022

(2 week course)

Prof. Anand Tripathi

Prof. Anand Tripathi

Director, NPTEL



NPTEL, Indian Institute of Technology Kharagpur



NPTEL, Indian Institute of Technology Kharagpur

Dr. Anurag Kumar
Director
P.J. College of Management & Technology

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

Roll No: NPTEL22CC20533251431

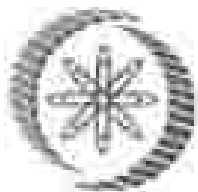
To: **SAMBIT SWAIN**
AT 3323, PO BELAGACHINA,
CUTTACK - 754004
PIN NO: 754011529



Score	Type of Certificate
90-100	Gold
75-89	Silver
60-74	Bronze
40-59	Successfully Completed
0-39	No Certificate

No. of credits recommended by NPTEL-3

An additional 1 credit may be awarded if the institution awards it to, based on the course content effort involved.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SAMBIT SWAIN

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	22.1/25	Proctored Exam	32.56/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: 4701

Prof. Jayanta Mukhopadhyay
Head, Institute
of Technology

Jan-Apr 2023
(12 week course)

Prof. Debjani Choudhury
Coordinator, NPTEL
Program

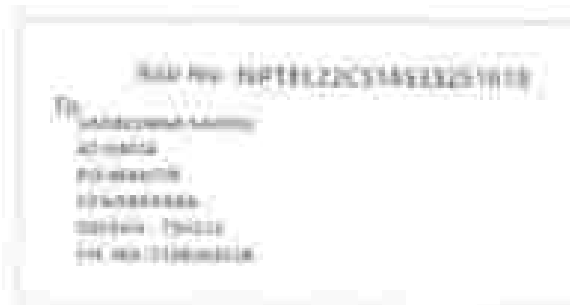


Asian Institute of Technology, Thailand

Director
J.J. College of Management & Technology



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



Roll No.	Type of Certificate
NPTEL	Final-Cert
NPTEL	Final-Cert
NPTEL	Final
NPTEL	Interim/Temporary
NPTEL	Pre-Certified

No. of credits recommended by NPTEL: 3

As additional credits may be awarded later through the course page, please visit frequently the course page for updates.



NPTEL Online Certification

initiated by the All India Institute of Technology



This certificate is awarded to

SARBESWAR SAHOO

for successfully completing the course

Advanced Computer Architecture

with a consolidated score of **43 %**

Online Assignments: 12/3/25 | Proctored Exam: 30/75

Total number of candidates certified in this course: 145

Feb-Apr 2022
18 weeks course

Harjit

Prof. Harjit S. Kaushik
Head, Centre for Distance Education
NPTEL, Indian Institute of Technology



All India Institute of Technology, Gandhinagar



NPTEL22CS14633251010

NPTEL22CS14633251010

Sarbeswar Sahoo
Sarbeswar Sahoo
P.J. College of Management & Technology

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



Code	Type of Certificate
1000	Diploma
2000	Certificate
3000	Short
4000	Proficiency/Competency
5000	Self Certificate



No. of credits recommended by NPTEL: 3

For additional information regarding the award of the certificate, please refer to the 'Award and the Award number' column.



ELITE

NPTEL Online Certification

Powered by the Min. of Education



The certificate is awarded to

SARBESWAR SAHOO

for successfully completing the course

Cloud Computing

with a consolidated score of 50 %

Online Assignments 23/28/25 | Proctored Exam 37/75

Total number of candidates certified in this course: 4761



Jan-Apr 2020
12 week course



Indian Institute of Technology, Kharagpur

Director
IIT College of Management & Technology



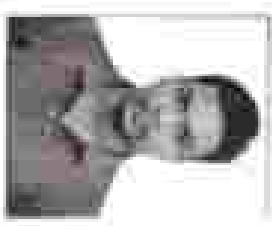
NPTEL20CS20543251029

NPTEL is a registered trademark of the Ministry of Education, Government of India.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SARBESWAR SAHOO
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **54** %

Online Assignments	22.91/25	Proctored Exam	31.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
of course

by College of Management & Technology



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL22CS29543251055

To
SUCHIT KUMAR SHARMA
82, NEHAYS LANE, SANDHAN CLUB, POBIL, C,
DOWDA, TISSUR
PH. NO. 9747188222



Score	Type of Certificate
100%	Distinction
75-99	Distinction
50-74	Pass
40-49	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL: 3

(An additional 1 credit may be awarded after following specific UoE based on the actual examination effort involved.)



NPTEL Online Certification

(Facilitated by the MoE, Govt. of India)



This certificate is awarded to
SUCHIT KUMAR SHARMA
for successfully completing the course

Cloud Computing

with a consolidated score of **58** %

Online Assignments	23.03/25	Proctored Exam	35.2/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 4701

Prof. Jyotsna Mishra
Head, Institute
of Engineers

Jan-Apr 2022
(12 week course)

Director

Prof. Dilip Choudhary
Director, NPTEL
of Engineers



Indian Institute of Technology Manager

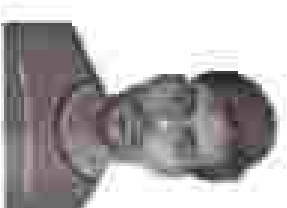
IIT Centre of Management & Technology





NPTEL Online Certification

(Funded by the MOE, Govt. of India)



This certificate is awarded to

SUCHIT KUMAR SHARMA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **57** %

Online Assignments	22.28/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

Principal, Department of Management & Technology



Director

Prof. Debjani Chakrabarty
Coordinator, NPTEL
IT, Chengalpore

Kejariwal



Indian Institute of Technology Kharagpur



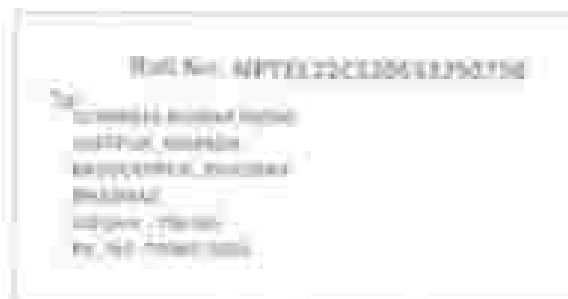
Roll No: NPTEL22CS96543080711

To validate this certificate



No. of credits (cumulative): 3 of 4

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



Exam	Type of Certificate
1st	1st-Certified
2nd	2nd-Certified
3rd	3rd
4th	4th-Certified
5th	5th-Certified



No. of credits recommended by NPTEL:

As determined by the Institute of Technical Education, based on the credit transfer policy of the Institute.



NPTEL Online Certification

(Created by the IIT Madras online)



This certificate is awarded to

SUMANTA KUMAR PADHI

for successfully completing the course

Cloud Computing

with a credit load score of **55** %

Online Assignments: 22.5/25 | Proctored Exam: 31.03/73

Total number of candidates certified in this course: 4781

Prof. Jayashankar Mishra
 Director
 NPTEL

30th Apr 2021
 (12 noon IST)

Prof. Suman K. Mishra
 Director
 IIT Madras



Indian Institute of Technology Madras

Director
 P.J. College of Management & Technology



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

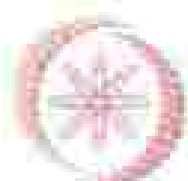
Roll No: NPTEL22CS1102300131E
 To
 SUMANTA KUMAR PADHI
 SUMANTA KUMAR
 ROAD TO PPT, ANANDRAJ
 BANGALORE
 560004 - 14000
 MR. NPTEL@IITMADRAS

Index	Type of Certificate
0001	Final-Cert
0002	Final-Cert
0003	CPA
0004	Online N/A Certificate
0005	No Certificate



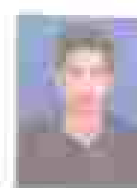
No. of credits recommended by NPTEL-2

An additional credit may be awarded from University, Institute & N. Institutions for each semester offered (maximum)



NPTEL Online Certification

Presented by the MIT, Tech. of India.



This certificate is awarded to
SUMANTA KUMAR PADHI
 for successfully completing the course

Data Mining

with a consolidated score of **54 %**

Online Assignments | 24/100 | Proctored Exam | 30/75

Total number of candidates certified in this course: 709



February 2022
 18 weeks course

Signature
 Director



Indian Institute of Technology, Madras

PJ College of Management & Technology



NON-UNIVERSITY CERTIFICATE

NPTEL ONLINE CERTIFICATION



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to:

SUMANTA KUMAR PADHI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **65** %

Online Assignments	23.1/25	Proctored Exam	42.19/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022

(12 week course)

Director



Prof. Deepanj Chakraborty
Coordinator, NPTEL
IT, Bhubaneswar

Deepanj

41 Credits of assignments & tests taken



Indian Institute of Technology Kharagpur



Roll No: NPTEL JKGS965A751189

To validate the certificate



No. of credits recommended: 3 of 4

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

Roll No: NPTEL22OC120533251009

To
SURAJ KUMAR SIKDAR
AT BACHCHANDEWADI, POST-UMARKOTE
DIT NEEMANNAGPUR
UMARKOTE
DISTRICT - RAIPUR
PIN-831001



Score	Type of Certificate
1-100	First Class
75-100	Second Class
50-75	Third
25-50	Successfully Completed
0-25	No Certificate

No. of credits recommended by NPTEL is

As approved by the concerned University. Details of the course can be accessed from the course website/portal.



NPTEL Online Certification

Facilitated by the MoE, Govt. of India



This certificate is awarded to

SURAJ KUMAR SIKDAR

for successfully completing the course

Cloud Computing

with a consolidated score of **54** %

Online Assignments	23.66/25	Practical Exam	30/25
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 4703

Prof. Jayaram Mukhopadhyay
National Institute of Technology
Kharagpur

Jan-Apr 2022
12th week course

Dr. J. S. Chakrabarti
Director

Prof. Bipul Chakravarty
National Institute of Technology
Kharagpur

By Culture of Management & Technology



National Institute of Technology Kharagpur



NPTEL22OC120533251009

NPTEL22OC120533251009

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

Roll No: NPTEL22CE1181260626

To
SURAJ KUMAR SIKDAR
AT BANGORHAR U.S.T. (POST - 754009)
BPT (BANGORHAR)
UNMAHESWAR
DISTRICT - 754003
Pin No. 754009

Score	Type of Certificate
100	Diploma
75-99	Diploma
50-74	Cert
40-49	Necessary Improvement
0-39	Fail Certificate



No. of credits recommended by NPTEL:

As stipulated in the syllabus for students of the following degree or diploma courses of the awarding institution.



NPTEL Online Certification

Founded by the Min. of Edu. in 1998



This certificate is awarded to
SURAJ KUMAR SIKDAR
for successfully completing the course:

Data Mining

with a consolidated score of **54 %**

Online Assignments | 24.13/25 | Proctored Exam | 30.14/75

Total number of candidates certified in this course: 709



Prof. Jayanti Bhattacharyya
Vice-Chancellor
IIT Kharagpur

Feb-Apr 2022
(8 week course)

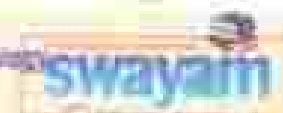


Prof. Rajan Choudhary
Director
IIT Kharagpur



Indian Institute of Technology Khargpur

Director
IIT College of Management & Technology



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

Roll No: NPTEL202224042251097

To
SURAJ KUMAR SIKDAR
AN ADMINISTRATOR (C) - NORTH CAMPUS
IITM ORGANIZATION
CHANDIGARH
CITY: 160010
PH. NO. 9198877102



Score	Type of Certificate
49/75	Letter-Cert
75/75	Diploma
100/100	Full
NPTEL	Satisfactory Completion
100	Full Certificate

No. of credits recommended by NPTEL:

An additional 1 credit may be awarded if the University/Institution of the student at the institution where student



NPTEL Online Certification

(Funded by the M.E. Govt. of India)



This certificate is awarded to
SURAJ KUMAR SIKDAR
for successfully completing the course

Machine Learning, ML

with a consolidated score of **49 / 75**

Online Assignments 19/25 | Proctored Exam 30/75

Total number of candidates certified in this course: 403

L. B. Singh

Director
IITM College of Management & Technology

Suraj Kumar Sikdar

Prof. Suraj Kumar Sikdar

Senior Lecturer (Faculty) IITM

Feb-Apr 2022
(8 week course)

Prof. Andrew Thompson

Prof. Andrew Thompson

ITM, Chandigarh

Director



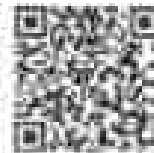
Indian Institute of Technology Madras



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

Roll No: NPTEL22CS20533251676

To
TAPAS KUMAR PATTNAIK
HOUSE NO-1811 AGAR HANUMAN MANDIR,
BILAKTOR, BHUBANESWAR, ODISHA 751005
BHUBANESWAR
ODISHA - 751005
PA. NO. 826009511



Score	Type of Certificate
75-100	Elite+Gold
75-80	Elite+Silver
70-75	Elite
45-70	Successful Candidate
0-45	No Certificate

No. of credits recommended by NPTEL5

52-660000011 credit may be awarded at the University. Member UoM, based on the actual syllabus offered. (continued)



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
TAPAS KUMAR PATTNAIK
for successfully completing the course

Cloud Computing

with a consolidated score of **54 %**

Online Assignments	21.88/25	Practical Exam	32.03/75
--------------------	----------	----------------	----------

Total number of candidates certified on this course: 4701

Prof. Jayanta Mukhopadhyay
Dean, Institute of Technology
Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debajit Dasgupta
Executive NPTEL
Kharagpur



Indian Institute of Technology Kharagpur

Director
P.J. College of Management & Technology





Elite

NPTEL Online Certification

(funded by the MoE, Govt. of India)



This certificate is awarded to

TAPAS KUMAR PATTNAIK

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **70** %

Online Assignments	23.5/25	Proctored Exam	46.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty

Executive, NPTEL

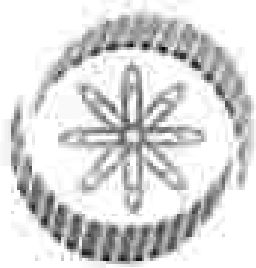
IT Strategist

Director
College of Management & Technology



Indian Institute of Technology Kharagpur





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

TAPAS KUMAR PATNAIK

for successfully completing the course

Management Information System

with a consolidated score of **67 %**

Online Assignments	24.06/25	Proctored Exam	42.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Harimanti Banerji
 Prof. Harimanti Banerji
 Associate Prof.
 IIT Madras



Indian Institute of Technology Madras

Director
Office of Management & Technology



Roll No: NPTEL20230726003896

To verify this certificate



No. of credits assigned: 3.00



NPTEL Online Certification

Funded by the MoE, Govt. of India

This certificate is awarded to

AKASH BEHERA

for successfully completing the course

Cloud Computing

with a consolidated score of **56** %

Online Assignments	25/25	Proctored Exam	30.62/75
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Total number of candidates verified in this course: 16686

JUL-OCT 2023

(12 WEEK COURSE)



Prof. Rajmouli Banerji
Coordinator, NPTEL
IT Strategist



Indian Institute of Technology Kharagpur

Centre for Management Studies
College of Engineering, Kharagpur



Roll No: NPTEL2023BS002500207

To verify this certificate



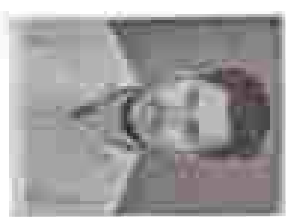
NPTEL course website: nptel.ac.in





NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

AKASH BEHERA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **53** %

Online Assignments	23.1/25	Proctored Exam	30/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022

(12 week course)

Dr. Suresh Kumar
Director
NPTEL Center for Management & Technology



Prof. Debjani Chakraborty
Department: NPTEL
IIT Kharagpur

Debajani



Indian Institute of Technology Kharagpur





NPTEL Online Certification

(Funded by the MOE, Govt. of India)



This certificate is awarded to

AKASH BEHERA

for successfully completing the course

Computer Graphics

with a consolidated score of **52** %

Online Assignments	22.04/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **311**

PROF. T. V. SRINANI
Head, School for Engineering Education
NITW, Coimbatore, India

Director
of Engineering Education



Institute of Technology, Guwahati





NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

AKHIL BARIK

for successfully completing the course

Cloud Computing

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	31.77/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **9640**

Jul-Oct 2022

(12 week course)



Prof. Debjani Chakrabarti
Coordinator, NPTEL
(IT Manager)

Akhil Barik



Indian Institute of Technology Kharagpur

Roll Number: IITK122CS075550636114

To validate the certificate



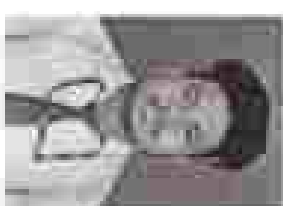
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MHR, Govt. of India)



This certificate is awarded to

AKHIL BARIK

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	24/13/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023
(12 Week course)

Chair, IIT
Prof. Dabjani Chakraborty

Co-ordinator, NPTEL
IIT Kharagpur

NPTEL College of Management & Technology



Indian Institute of Technology Kharagpur





NPTEL Online Certification

(Funded by the MOE, Govt. of India)

This certificate is awarded to

AKHIL BARIK

for successfully completing the course

Computer Graphics

with a consolidated score of **51** %

Online Assignments	21/25/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **600**

Jul-Sep 2023

(8 WEEK COURSE)



Prof. T. V. BHAVANI
Head, Centre for Advanced Studies
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati

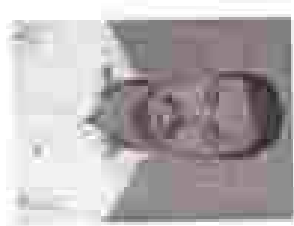
Director
IT Center of Measurement & Proctoring





NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
AMARYOTI MAHANTA
for successfully completing the course

Cloud Computing

with a consolidated score of **58** %

Online Assignments:	24.91/25	Proctored Exam	33.34/75
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Total number of candidates certified in this course: **9640**

Jul-Oct 2022
(12 week course)



Prof. Durgam Chakraborty
Coordinator, NPTEL
IT Manager

Director
NPTEL Center of Excellence in Technology



Indian Institute of Technology Kharagpur

Roll No: NPTEL2206S97569080625

To validate the certificate

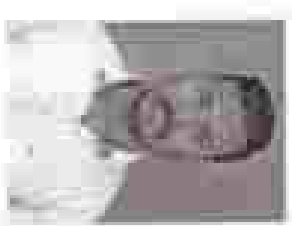


No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MOE, Govt. of India)



This certificate is awarded to

AMARYOTI MAHANTA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **52** %

Online Assignments:	22.25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

Director

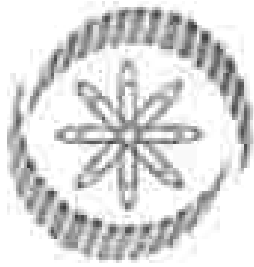
of Centre for Management & Technology

Prof. Debjani Chakraborty
Executive, NPTEL
of IIT Kharagpur



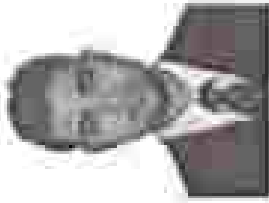
Indian Institute of Technology Kharagpur





NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

AMBARISA SARANGI

for successfully completing the course

Cloud Computing

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	31.89/75
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Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakrabarty
Associate NPTEL
IT Manager



Indian Institute of Technology Kharagpur

Director
IIT College of Management & Technology

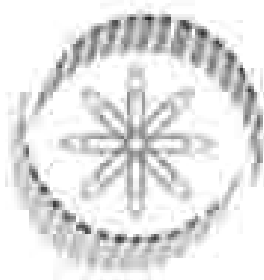


Roll No: NPTEL2023CS4551100591

To validate the certificate

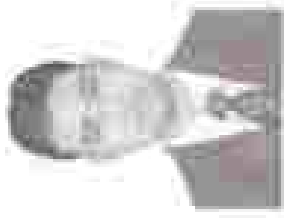


No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

AMBARISA SARANGI

for successfully completing the course

Cloud Computing

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	31.89/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **11454**



Indian Institute of Technology Kharagpur

Jan-Apr 2023

(12 week course)

Signature

Prof. Debjani Chatterjoo
Coordinator, NPTEL
(Kharagpur)



Roll No: NPTEL030540553300591

To validate the certificate



Quality credits (to be accumulated) 30004

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

Roll No: NPTEL2022110225006

By

- AMBARISA SARANGI
- Computer Science,
- State Government College, Bhubaneswar
- Pin - 751005
- Odisha, India
- PC: 99-88888888



Roll No.	Type of Certificate
NPTEL2022110225006	Self-Certified
NPTEL2022110225006	Self-Certified
NPTEL2022110225006	Self-Certified
NPTEL2022110225006	Self-Certified
NPTEL2022110225006	Self-Certified
NPTEL2022110225006	Self-Certified

No. of credits recommended by NPTEL:
 An additional course may be awarded for the purpose of awarding a degree to students who have completed the course.



NPTEL Online Certification

Initiated by The AICTE, Govt. of India



This certificate is awarded to
AMBARISA SARANGI
 for successfully completing the course

Data Mining

with a consolidated score of **54** %

Online Assignments	33.75/62.5	Practical Exam	20/37.5
--------------------	------------	----------------	---------

Total number of candidates certified in this course: 309



Feb-Apr 2022
 28 weeks course



Prof. Debajit Dasgupta
 Director, NPTEL
 IIT Bombay



Indian Institute of Technology Bombay

Director
FJ College of Management & Technology



NPTEL2022110225006

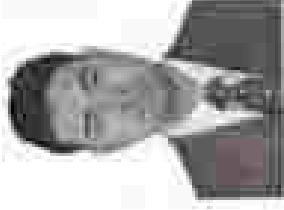
NPTEL ONLINE CERTIFICATION



Elite

NPTEL Online Certification

Funded by the MoE, Govt. of India



This certificate is awarded to

AMBARISA SARANGI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **65** %

Online Assignments	24.13/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 14770

Jan-Apr 2023

(12 week course)



Director

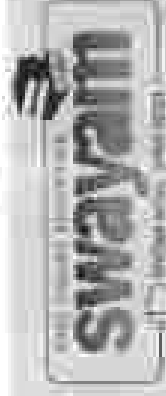
IIIT College of Management & Technology

Debjani

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIIT-Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20231569300852

To validate the certificate



No. of credits recommended: 3 of 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

BHAGYALAXMI NAYAK

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	23.31/25	Proctored Exam	36.94/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)



Director
NITRR College of Management & Technology

Signature

Prof. Debjani Chakrabarti
Coordinator, NPTEL
IIT Chennai



Indian Institute of Technology Madras



Roll No: NPTEL22CS16553090960

To validate the certificate



No. of credits recommended: 3 (U1, 4)



NPTEL Online Certification

(Funded by the MPE, Govt. of India)



This certificate is awarded to

BINU SUNA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **52** %

Online Assignments	22.28/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Director

IT Centre of Management & Technology



Indian Institute of Technology Kharagpur



Roll No: NPTEL226590540030957

To validate the certificate

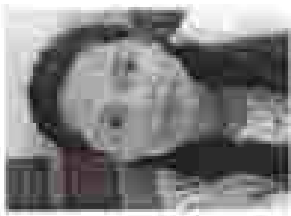


No. of credits recommended for 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BINU SUNA


for successfully completing the course

Advanced Computer Networks

with a consolidated score of **52** %

Online Assignments	21.97/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **65**


Prof. Amit Prashant
 Dean, Research and Development
 IIT Mandla


Dr. Divendri Deshmukh
 Dean of Academic Affairs (DOAA)
 IIT Mandla, Institute of Technology (IITM)


 Director
 Center of Management & Technology
 IIT Mandla


Prof. Andrew Thangaraj
 NPTEL, Co-ordinator
 IIT Madras



IIT Madras



IIT Bombay



IIT Kharagpur

Jan-Apr 2023

(12 WEEK COURSE)



Roll No: NPTEL23CS5533101204

To validate the certificate



No. of credits recommended: 3 or 4

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

Roll No: NPTEL220511523251245

To
BISWA PRAKASH PATRA
 BYOD PROGRAM, CAPSTONE YEAR
 PRELIM
 BIRSA INSTITUTE
 SINGUR, JHARKHAND
 PIN: 821 315



Score	Type of Certificate
40%	Certificate
50%	Merit Certificate
60%	Diploma
70%	Diploma with Honors
80%	Diploma with Distinction

No. of credits recommended by NPTEL: 3

An additional 1 credit may be awarded if the University/ Institute is approved by the Council of the University/ Institute.



Elite

NPTEL Online Certification

Presented by NPTEL, IIT Bombay



This certificate is awarded to

BISWA PRAKASH PATRA

for successfully completing the course

Data Mining

with a consolidated score of **60** %

Online Assignments	22.29/25	Proctored Exam	36.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 709



Prof. Jayashankar Misra
 Director
 NPTEL

Feb/Apr 2022
 (6 week course)



Prof. Rajesh Choudhary
 Director
 NPTEL



Institute of Technology, Birsa

Director,
 BJT College of Management & Technology



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

Bill No: NPTEL20220533259535

To
BISWA PRAKASH PATRA
PGDIP ONLINE CERTIFICATE COURSE
PGDIP
HILDAKONGRA
BESWA, JALPAIGURI
PIN 731122 (INDIA)



Score	Type of Certificate
75	Gold
65-74	Silver
50-64	Bronze
40	Partially completed
0	Not started

No. of credits recommended by NPTEL: 3

For additional details visit the website: www.nptel.ac.in or call: 08000000000



NPTEL Online Certification

Presented by IIT Madras, India, in collaboration with



This certificate is awarded to

BISWA PRAKASH PATRA

for successfully completing the course



Cloud Computing

with a consolidated score of **75** %

Online Assignments: 23.66/25 | Proctored Exam: 50.00/75

Total number of candidates certified for this course: 4701

J

Prof. Jayanta Mukherjee
Director
PGDIP

Jan-Apr 2022
(12 week course)

Pradyumn K
Prof. Pradyumn Choudhury
Director
PGDIP



Leading Institute of Technology (IIT) Madras

B. Prasad
Director

IIT College of Management & Technology



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



Score	Type of Certificate
44%	Distinction
37.5%	Distinction
30%	Distinction
23%	Proficiency / Proficient
16%	Proficiency

No. of credits recommended by NPTEL-2

An additional 7 credits may be awarded to the successful student as per the credit transfer policy of the receiving institution.



NPTEL Online Certification

(Awarded by the IITs, India)



This certificate is awarded to

BISWA PRAKASH PATRA

for successfully completing the course

Machine Learning, ML

with a consolidated score of **49** %

Online Assignments	18/425	Proctored Exam	30/1675
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Total number of candidates enrolled in this course: 403

Dr. Biswajit Jitli

Prof. Biswajit Jitli

Head of Centre, NPTEL, IITM

16/04/2023

(B. No. 101724)

Libgaur

Director

PJ College of Management & Technology

Prof. Ananta Kumar

Head of Centre

NPTEL



Indian Institute of Technology Madras

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

Roll No. NPTEL2023060301164

To
 (Candidate's name)
 (Candidate's Institution)
 (City - State)
 (Pin Code)

Sl. No.	Type of Certificate
001	Member
002	Member
003	Dr.
004	Non-Resident Member
005	Dr. Member



No. of credits recommended by NPTEL: 3

As stipulated by the Board of Studies of the University, awarded to those who are distinguished (Dist.) students



NPTEL Online Certification

(Provided by the Ministry of Education)



This certificate is awarded to
CHANDAN KUMAR MANGARAJ
 for successfully completing the course
Cloud Computing

with a consolidated score of **53** %

Online Assignments: 22.75/25 | Proctored Exam: 30.25/35

Total number of candidates certified in this course: 4701



January 2022
 (22 JANV 2022)



National Institute of Technology
 Indraprastha



NPTEL ID: 1174 42

NPTEL ID: 1174 42

(Signature)
 Director

AI College of Management & Technology



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

CHANDAN KUMAR MANGARAJ

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **58** %

Online Assignments	22.25/25	Proctored Exam	35.94/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
at Kharagpur

Dr Chandan Kumar Mangaraj, Student ID: 123456789



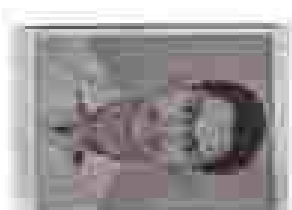
Indian Institute of Technology Kharagpur





NPTEL Online Certification

(Funded by the MOE, Govt. of India)



This certificate is awarded to

CHANDAN KUMAR MANGARAJ

for successfully completing the course

Computer Networks and Internet Protocol

with a consolidated score of **53** %

Online Assignments	22.5/25	Proctored Exam	30.62/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: **3082**

Jan-Apr 2023

(12 week course)

[Dr. Chaitan Chakraborty](#)

Director

Center of Management & Technology

Prof. Chandan Chakraborty

Coordinator, NPTEL

at Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL27CS20833251649

To
HIMANSHU BHUSAN SETHY
27, HANPUR, PO-DHARMA, DIST-KHOSIAPUR
BIRBHUM, 781010
PH.NO-9866294917



Score	Type of Certificate
100	100% Pass
75-99	Distinction
50-74	Pass
40-49	Distinction Certificate
40	50% Pass

No. of credits recommended by NPTEL: 3

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



NPTEL Online Certification

Initiated by the Min. of Edu., Govt. of India



This certificate is awarded to

HIMANSHU BHUSAN SETHY

for successfully completing the course

Cloud Computing

with a consolidated score of **54** %

Online Assignments	24.06/25	Proctored Exam	30.21/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 4701



Prof. Jagadeesha Mahalingam
Dean (Courses)
NPTEL

Jan-Apr 2022
(12 week course)

Director

PJ College of Management & Technology

Prof. Subhelli Dey
Director, NPTEL
2019-20



All India Institute of Technology Kharagpur

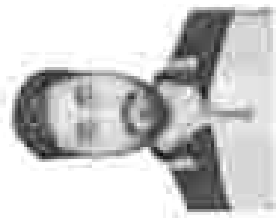




Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
HIMANSHU BHUSAN SETHY
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **65** %

Online Assignments	23.1/25	Proctored Exam	42.19/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: 9793

Abhinav
Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Jul-Oct 2022
(12 week course)

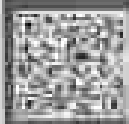
Director
IIT Concepts Management & Technology



Indian Institute of Technology Kharagpur



Hall No. NPTEL2022056553190327



To validate the certificate

No. of credits recommended: 3 or 4

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

Roll No: NPTEL22CS11513250512

To
HIMANSHU BHUSAN SETHY
 AT 108/108, PG-208004, 1107-4120000004,
 COIMBA, 700070
 PH. NO 9800202007



Score	Type of Certificate
4-10	Distinction
75-79	First Class
60-74	Second Class
40-59	Pass
40-59	Successfully Completed
<40	Not Certified

No. of credits recommended by NPTEL: 2

As additional 1 credit may be awarded if the University/ Institute's rule, based on the above-stated score, warrant.



NPTEL Online Certification

Facilitated by the M.E. Dept. of IITM



This certificate is awarded to

HIMANSHU BHUSAN SETHY

for successfully completing the course

Data Mining

with a consolidated score of **54 %**

Online Assignments	24/13/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 709



Prof. Jayanta Mukherjee
 Dean, School
 of Programs

Feb-Apr 2022
 (8 week course)



Director

IITM College of Management & Technology

Prof. Debjani Choudhury
 Director, IITM
 of Programs



Indian Institute of Technology (IITM)





NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

HIMANSHU BHUSAN SETHY

for successfully completing the course

Computer Graphics

with a consolidated score of **53** %

Online Assignments	22.04/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **311**

Jul-Sep 2022
(8 week course)

Prof. T. V. Bharati
Head, Dept. for Educational Technology
IITB, Corridor 11, Ground

Director

NPTEL Center for Management & Technology



Indian Institute of Technology Guwahati



Roll Number: IITG202111529905017

To validate the certificate

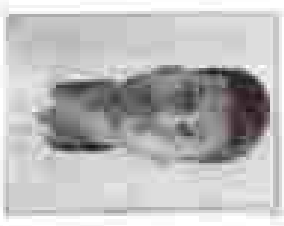


No. of credits recommended: 2/0/3



NPTEL Online Certification

(Funded by the MOE, Govt. of India)



This certificate is awarded to

KAMALESH ARUK

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **53** %

Online Assignments	22.06/25	Proctored Exam	31.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

Director

Prof. Debajyoti Chakraborty
Coordinator, NPTEL
IT Manager

NPTEL Program Manager & Technology



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL22CS2081229651

To
PARTHA PRATIMA MAHAPATRA
87 BELURGAON, BILASPUR,
87 BELURGAON, JHARKHAND
PIN
COURSE: CS2081
DATE OF ACHIEVEMENT



Roll No.	Type of Certificate
1-100	Elite+Card
101-200	Elite+Book
201-300	Elite
301-400	Academic Transcript
401	No Certificate

No. of credits recommended by NPTEL is

An additional 1 credit may be awarded if the following conditions are satisfied at the graduation after course

Elite



NPTEL Online Certification

Facilitated by the SWAYAM, Govt. of India



This certificate is awarded to
PARTHA PRATIMA MAHAPATRA
for successfully completing the course

Cloud Computing

with a consolidated score of **62** %

Online Assignments: 22.72/25 | Proctored Exam: 39.08/75

Total number of candidates certified in this session: 4701



Prof. Jayanta Bhattacharyya
Dean (Faculty)
of Courses

Jan-Apr 2022
(12 weeks course)

Collector

PJ College of Management & Technology

Signature

Prof. Debajit Chakrabarty
Coordinator
of Courses



All India Institute of Technology Kharagpur





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PARTHA PRATIMA MAHAPATRA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **66** %

Online Assignments	22.25/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

Director

Prof. Udayan Chakraborty
Coordinator, NPTEL
at IIT Kharagpur

By College of Management & Technology



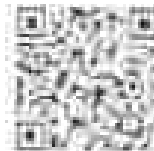
Institute Institute of Technology Kharagpur



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

Roll No: NPTEL22CS2404251137

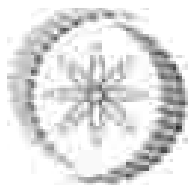
To
PARTHA PRATIMA MAHAPATRA
AT COLLEGE PO DELANGA
AT DELANGA, PO DELANGA
PIN
751014 - 751015
PR. NO. 22204196



Score	Type of Certificate
40-60	Merit-Cert
75-80	Merit-Dist
80-85	Dist
85-90	Distinction
90	All Distinction

No. of credits recommended by NPTEL-2

An additional 1 credit may be awarded after successful clearance of the course. Details to be provided by the institution.



NPTEL Online Certification

Powered by IIT Madras



This certificate is awarded to

PARTHA PRATIMA MAHAPATRA

for successfully completing the course

Machine Learning, ML

with a recommended score of **50** %

Online Assignments: 18.75/25 | Proctoral Exam: 30.90/75

Total number of candidates who sat for the Exam: 403

Prof. Debendra Deb

Prof. Debendra Deb
Director

Centre for Distance Education, IITM

Feb-Apr 2022

(8 weeks course)

Libyashree
Director

PJ College of Management & Technology

Prof. Anand Theerth

Prof. Anand Theerth
Director

swayam



Indian Institute of Technology Madras

Roll No: NPTEL22CS2404251137

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NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

POONAM

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **57** %

Online Assignments	22.47/25	Proctored Exam	34.37/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

Debjani
Prof. Debjani Chakraborty
Chairperson, NPTEL
IIT Chennai

Madhavan
Director
V. College of Management & Technology



Indian Institute of Technology Kharagpur

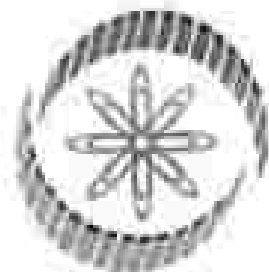


RSII NBSNPTEL622659B533026117

To verify the certificate



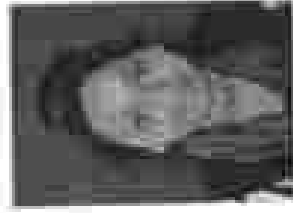
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

POONAM

for successfully completing the course

Cloud Computing

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	35.21/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: 9640

Jul-Oct 2022

(12 week course)

Debjani

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT KANPUR

NPTEL
Center for Management & Technology



Indian Institute of Technology Kanpur



Roll No: NPTEL21CS87553080195

Download the certificate



No. of credits recommended: 3 or 4

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

Roll No: NPTEL22CS10S332S0751
To
POONAM
BT BALIYU, PS-CHADABARA
RUST
BILASHA - 752001
Ph. No: 0677257945



Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

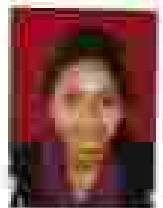
No. of credits recommended by NPTEL: 2

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



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

POONAM

for successfully completing the course

Advanced Computer Architecture

with a consolidated score of **53** %

Dr. Anand K. Rout
Director
J.J. College of Management & Technology

Online Assignments	13.33/25	Proctored Exam	39.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 145

Feb-Apr 2022
(8 week course)

Anand K. Rout
Prof. Anand K. Rout
Head, Center for Educational Technology
(NET), Governor of Odisha



Indian Institute of Technology Guwahati



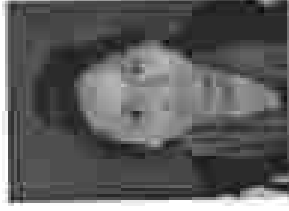
Roll No: NPTEL22CS10S332S0751

To validate and check score, visit: npTEL.in



NPTEL Online Certification

(Funded by the MofE, Govt. of India)



This certificate is awarded to

POONAM

for successfully completing the course

Computer Graphics

with a consolidated score of **50** %

Online Assignments	19.83/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **311**

Jul-Sep 2022
(8 week course)



Director

IIT College of Management & Technology

T.V. Bharati

Prof. T. V. Bharati
Head, Centre for Management Education
(CME), Guwahati, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22GSI132J080284



To validate the certificate

No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
POONAM
for successfully completing the course

Data Base Management System

with a consolidated score of 51 %

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

Total number of candidates certified in this course: 3478

Aug-Oct 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

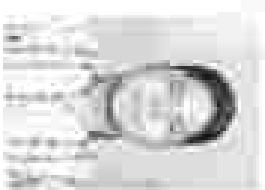
Director
IIT School of Management & Technology





NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SANTOSIS

for successfully completing the course

Machine Learning

with a consolidated score of **48** %

Online Assignments	17.8/25	Proctored Exam	30/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **583**

Dussehra festival

Prof. Devaraja Jathal

Chairman

Centre for Outreach and Higher Education, IITM

Madrasam

Chairman

Faculty of Management & Technology

Prof. Anandhu Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTELJG0115E129DEVS

To validate the certificate



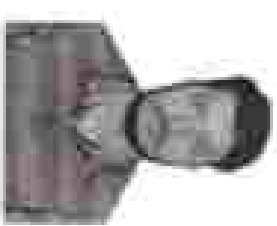
No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SATYARANJAN SAMAL

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	23.31/25	Proctored Exam	36.94/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022

(12 week course)

Director

PJ Centre of Management & Technology

Prof. Dheeraj 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.

Roll No: NPTEL22CS20543251881

To
SATYARANJAN SAMAL
BT COLLEGE OF ENGINEERING, PO-KHARANGA,
DIST-JAYPR
JAYPR
ODISHA - 751048
PH. NO. 0672208844



Score	Type of Certificate
75-90	Cert+Dist
70-75	Dist+Dist
60-70	Dist
40-60	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL: 3

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



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SATYARANJAN SAMAL

for successfully completing the course

Cloud Computing

with a consolidated score of **53** %

Online Assignments	23/28/25	Proctorial Exam	30/75
--------------------	----------	-----------------	-------

Total number of candidates certified in this course: 4701


Prof. Jayanta Mukhopadhyay
Dean, Faculty of Engineering

Jan-Apr 2022
(12 week course)


Prof. Debjani Chakraborty
Director, NPTEL

Prof. Debjani Chakraborty
Director, NPTEL



JIIT Institute of Technology Kharagpur

Director,
FJ College of Management & Technology



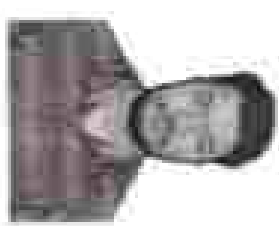
Roll No: NPTEL22CS20543251881

To verify and check status: <https://www.nptel.ac.in>



NPTEL Online Certification

(Funded by the M.O.E, Govt. of India)



This certificate is awarded to

SATYARANJAN SAMAL

for successfully completing the course:

Data Mining

with a consolidated score of **57** %

Online Assignments	23.71/25	Proctored Exam	33.68/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4368**

Jan-Mar 2023
(8 week course)

Debjani
Prof. Debjani Chakraborty
Coordinator, NPTEL
(IIT Kharagpur)



Indian Institute of Technology Kharagpur

Director
Academics of Management & Technology

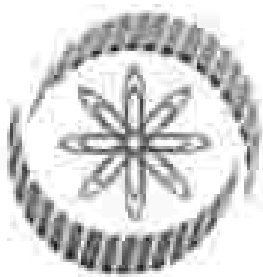


Roll No: NPTEL230518C44290861

To validate the certificate

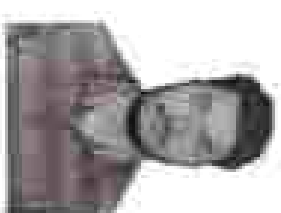


No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SATYARANJAN SAMAL
for successfully completing the course

Data Base Management System

with a consolidated score of **51** %

Online Assignments	21.25/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3518**

Jan-Mar 2023
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Institute Institute of Technology Kharagpur

NPTEL College of Management & Technology





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SOMANATH JENA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **61** %

Online Assignments	22.47/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022

(12 week course)



3 Credits

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Signature

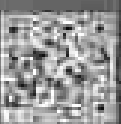


Indian Institute of Technology Kharagpur



Roll No: NPTEL2022CS513080792

To validate the certificate



No. of credits recommended: 3 of 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SOMANATH JENA

for successfully completing the course

Cloud Computing

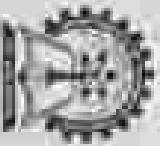
with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	32.15/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **11454**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator NPTEL
IT-41000301



Indian Institute of Technology Kharagpur

Director
IT College of Management & Technology





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SOMANATH JENA

for successfully completing the course

Introduction to Soft Computing

with a consolidated score of **87** %

Online Assignments	24.71/25	Proctored Exam	62.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1105**

Jan-Mar 2023
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
at Guwahati

Director
College of Engineering & Technology



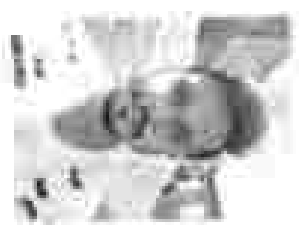
Indian Institute of Technology Kharagpur

Roll No: NPTEL23CS4024A059774

To validate the certificate



No. of credits (Equivalent): 2 or 3

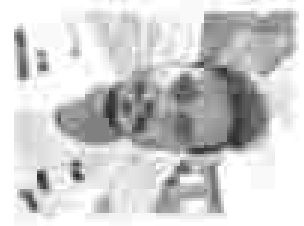




Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SOMANATH JENA

for successfully completing the course

Cloud Computing and Distributed Systems

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	46.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **2219**

Prof. B. V. Ramesh Kumar
Chairman, Centre for Continuing Education
(IIT Kanpur)

Jan-Mar 2023
(8 week course)

Prof. Sanyasi Roy
NPTEL Coordinator
(IIT Kanpur)

Centre for Management & Technology

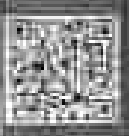


Indian Institute of Technology Kanpur



Roll No: NPTEL2023275422019

To validate the certificate



No. of credits (recommended): 2.00

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

Roll No: NPTEL22CS20S32S1657

To
SOUMYA RANJAN DEY
LAKH 2, BARABATI ROAD
KAPASPAH COLLEGE ROAD
BILIMBORI
DISTRICT - 751006
PIN: 751006



Score	Type of Certificate
70-100	Distinction
65-69	Dist-Good
60-64	Dist
45-59	Satisfactorily Completed
1-44	No Certificate

No. of credits recommended by NPTEL: 3

An additional 1 credit may be awarded if the University/Institute is, based on the score/position/effort involved.



Elite

NPTEL Online Certification

(Facilitated by IIT Madras, IITB, IIT Kanpur)



This certificate is awarded to
SOUMYA RANJAN DEY
for successfully completing the course

Cloud Computing

with a consolidated score of **71 %**

Online Assignments | 23.44/25 | Proctored Exam | 47.55/75

Total number of candidates certified in this course: 4701



Prof. Jayadev Mahapatra
Dean, Center
of Research

Jan-Apr 2022
(12 week course)

Prof. Debprasad Chakrabarty
Coordinator, NPTEL
at IIT Madras



All India Institute of Technology, Kharagpur

Director,
P.J. College of Management & Technology



Roll No: NPTEL22CS20S32S1657

To verify and check scores, please visit <https://www.nptel.ac.in>

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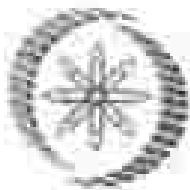
Roll No: NPTEL22CS115T0250519
To
SOUMYA RANJAN DEY
UNIT 2, BIRSA INDRAPUR
HARIDA CANAL ROAD
BIRSA INDRAPUR
COE-4 - TUMKUR
PIN-577330



Score	Type of Certificate
70-80	Distinction
60-70	Dist
45-60	Successfully Completed
<45	Not Certified

No. of credits recommended by NPTEL:

For additional details may be searched in the University Website or based on the website of the relevant authority.



NPTEL Online Certification

(Funded by the MHE, Govt. of India)



This certificate is awarded to
SOUMYA RANJAN DEY
for successfully completing the course

Data Mining

with a consolidated score of **57 %**

Online Assignments	24.13/25	Proctored Exam	32.48/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 709

Prof. Jayanta Mukherjee
Associate
of Professor

Feb-Apr 2022
(8 Week course)

Prof. Rajan Choudhury
Executive NPTEL
of Professor
Director
TUM College of Management & Technology



Anna Institute of Technology Chennai

swayam

Roll No: NPTEL22CS115T0250519

To validate and check score, <http://npTEL.ac.in/doc>



NPTEL Online Certification

(Funded by the MoE, Gov. of India)



This certificate is awarded to

SOUMYA RANJAN DEV

for successfully completing the course

Advanced Computer Networks

with a consolidated score of **46** %

Online Assignments	15.85/25	Proctored Exam	30.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **65**


Prof. Anil Prashant
 Senior Research and Development
 IT Infrastructure


Dr. Dhirendra Deshmukh
 Director Academic Affairs (DAA),
 Indian Institute of Technology, Indore

at College of Management & Technology


Prof. Anandhu Thangaraj
 NPTEL, Co-ordinator/
 AI, IIT Madras



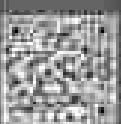
IIT Indore



IIT Gandhinagar

Jan-Apr 2023

(12 week course)



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

Roll No: NPTEL22CS20533250228

To
SRIKANTA SATAPATHY
A2, SUBARNAPALI
POST, MANAMUNDA, DIST - BOUDHA
BOUDA
ODISHA - INDIA
PH: NO. 9824122222



Score	Type of Certificate
1-50	None
51-60	None-Silver
61-70	Silver
71-80	Successfully Completed
81-100	Gold

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

SRIKANTA SATAPATHY

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	22.97/25	Proctored Exam	32.29/75
--------------------	----------	----------------	----------

Total number of candidates verified in this course: 4701


Prof. Jayanta Mukherjee
Dean, Council
of Managers

Jan-Apr 2022
(12 week course)


Director

Prof. Debanjan Chatterjee
General Secy
of Manager

PJ College of Management & Technology



Indian Institute of Technology, Assam



Roll No: NPTEL22CS20533250228

To validate and fill in the course details please visit www.nptel.ac.in



Elite

NPTEL Online Certification

(Funded by the MOE, Govt. of India)



This certificate is awarded to

SRIKANTA SATAPATHY

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **68** / 96

Online Assignments	24.56/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023
(12 week course)



Prof. Debiprasad Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Director
Programs of Management & Technology



Indian Institute of Technology Kharagpur



Roll No: NPTEL23051553502164

To validate the certificate



No. of credits recommended: 3 of 4

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

Roll No: NPTEL22CS214543250528

To
SRIKANTA SATAPATHY
AT: SIBERANAPALI
POST: MANAMENDLA, DIST: BOUNT
BOUNT
ODISHA- 751014
PH. NO 977719425



Score	Type of Certificate
75-100	Distinction
70-75	Dist
65-70	Dist
60-65	Proficiency Certificate
50	50 Certificate

No. of credits recommended by NPTEL: 2

An additional credit may be awarded if the University deems it fit, based on the actual credits offered by the course.



NPTEL Online Certification

(Funded by the Min. of HRD)



This certificate is awarded to

SRIKANTA SATAPATHY

for successfully completing the course

Machine Learning, ML

with a consolidated score of **51** %

Online Assignments	21.1/25	Proctored Exam	30.16/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: 463

Divendra Jaiswal

Prof. Divendra Jaiswal
Chairman

Centre for Continuing Studies, IITB

Feb-Apr 2022

(8 Week course)

Dr. Anand Thangaraj

Prof. Anand Thangaraj

Prof. Director

CIET



All India Institute of Technology, Mumbai

Director
P.J. College of Management & Technology



Roll No: NPTEL22CS214543250528

To obtain and check scores: <https://www.nptel.ac.in/oc>

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

Roll No: 19PTE1220231001200001

Name: Suman Kumar Behera
Registration No: 19PTE1220231001200001
Enrollment No: 19PTE1220231001200001

Sl. No.	Type of Certificate
001	Temporary
002	Official
003	Self
004	Continuing Certificate
005	MC Certificate



No. of credits recommended by NPTEL:
 As declared by the candidate in the 'Candidate's Declaration' section of the application form.



NPTEL Online Certification

Presented by the IITs, India



This certificate is awarded to
SUKANTA KUMAR BEHERA
 for successfully completing the course

Cloud Computing

with a credit load score of: **55** %

Online Assignments	21/44/25	Proctored Exam	33/33/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 4701

Prof. Ajaykumar Behera
 Professor
 NPTEL

January 2023
 (12 weeks 100hrs)

Prof. Pratik Mahapatra
 Director
 NPTEL



Indian Institute of Technology Kharagpur

Director

College of Management & Technology



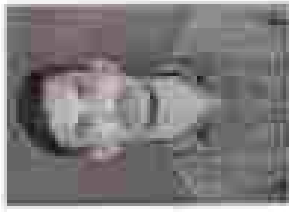
19PTE1220231001200001

NPTEL - National Programme on Technology Enhanced Learning



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUKANTA KUMAR BEHERA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **57** %

Online Assignments	22.69/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9793

Jul-Oct 2022
(12 week course)



Prof. Gobajani Chakrabarty
Course Chair, NPTEL,
IIT Kharagpur

Gobajani



Indian Institute of Technology Kharagpur

IIT College of Management & Technology



ROLL NO: NPTEL2205065944462553

To validate the certificate



No. of credits committed: 3.0/4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUKANTA KUMAR BEHERA

for successfully completing the course

Management Information System

with a consolidated score of **56** %

Online Assignments	20.94/25	Proctored Exam	35.25/75
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Total number of candidates certified in this course: 1966

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Institute of Management & Technology



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

Roll No: NPTEL22C20853251471

Signature of the student
at the end of certificate
Name: Sushree Sangita Swain
Course: CPT085
Enroll Date:
By the Authority



Roll No.	Type of Certificate
1001	Certificate
0100	Certificate
1000	Certificate
0001	Certificate
0000	Certificate

No. of credits recommended by NPTELs

An additional column is added from January 2022 to show the recommended credits.



Elite

NPTEL Online Certification

NPTEL is an elite part of elite



This certificate is awarded to

SUSHREE SANGITA SWAIN

for successfully completing the course

Cloud Computing

with a cumulative score of **60** %

Online Assignments : 23.8875 | Proctored Exam : 36.1125

Total number of candidates certified in this course: 4781


Prof. Suman Choudhary
Director, NPTEL

1 Jan 2022
CE 8006 (2022)


Prof. Suman Choudhary
Director, NPTEL



Institution of University Managers



NPTEL is an initiative of the Government of India

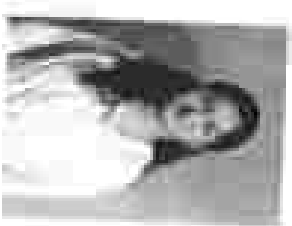
NPTEL is an initiative of the Government of India


Director
College of Management & Technology



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to:

SUSHREE SANGITA SWAIN

for successfully completing the course:

Introduction to Internet of Things

with a consolidated score of **53** %

Online Assignments	23.1/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **9793**

Jul-Oct 2022
(12 week course)

Director

Center of Management & Technology

Prof. Debjani Chakraborty

Associate, IIT
IIT Kharagpur



Indian Institute of Technology Kharagpur





NPTEL Online Certification

(Funded by the MAF, Govt. of India)

This certificate is awarded to

SUSHREE SANGITA SWAIN

for successfully completing the course

Computer Graphics

with a consolidated score of **54** %

Online Assignments	21.5/25	Proctored Exam	32.25/75
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Total number of candidates certified in this course: **311**

Jul-Sep 2022

(8 week course)

Prof. T. V. Ghirasi

Head, Centre for Educational Technology
NITEL, Council of Technical Education



Indian Institute of Technology Guwahati

Director
MCA College of Management & Technology

