



07/08/2020

## Madhusudan Anand

has successfully completed

Divide and Conquer, Sorting and Searching, and  
Randomized Algorithms

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

Tim Roughgarden  
Associate Professor of Computer Science  
Stanford University

SOME ONLINE COURSES MAY DRAW ON MATERIAL FROM COURSES TAUGHT ON-CAMPUS BUT THEY ARE NOT EQUIVALENT TO ON-CAMPUS COURSES. THIS STATEMENT DOES NOT AFFIRM THAT THIS PARTICIPANT WAS ENROLLED AS A STUDENT AT STANFORD UNIVERSITY IN ANY WAY. IT DOES NOT CONFER A STANFORD UNIVERSITY GRADE, COURSE CREDIT OR DEGREE, AND IT DOES NOT VERIFY THE IDENTITY OF THE PARTICIPANT.

## COURSE CERTIFICATE



Verify at [coursera.org/verify/LM87NGFRL7J2](https://coursera.org/verify/LM87NGFRL7J2)

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

Accredited Vocational Institute of NIOS  
Computer education center

# E-GURU

AVI of NIOS An Autonomous Organization Under Deptt. of school Education and Literacy, MHRD, govt. of India

## Certificate

### Certificate of Accomplishment

This is to certify that Mr. / Ms. / Mrs. MADHUSUDAN ANAND  
S/o, D/o, W/o. MANJU LAL GUPTA has successfully completed  
ONE month/year HTML,CSS & J-SCRIPT  
from our center at E-GURU COMPUTER CENTER from 10-06-2019  
to 10-07-2019 and he / she has secured 78% percentage and  
awarded grade . A



Reg. No.: - JH/RAN/190068

Date.: - 12-07-2019

Authorized Signatory.



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

Roll No: NPTEL20CS22S1481183

To  
MADHUSUDAN ANAND  
CO MANJU LAL GUPTA , SANT NAGAR,  
CHATAKPUR ROAD  
JHIRI P/O KAMRE  
RANCHI  
JHARKHAND - 835222  
PH. NO :6205111285



No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to  
**MADHUSUDAN ANAND**  
for passing the course

Covid-19  
impacted  
January 2020  
semester

## Introduction to Internet of Things

with Score\* **92** %

A. Goswami

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



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**MADHUSUDAN ANAND**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **65** %

Online Assignments	<b>24.56/25</b>	Proctored Exam	<b>40.5/75</b>
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Total number of candidates certified in this course: **9034**

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras

Roll No: NPTEL19CS09S52060007

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





Roll No:NPTEL18HS29S11910099

To

MADHUSUDAN ANAND  
C/O MANJU LAL GUPTA, SANT NAGAR,  
CHATAKPUR ROAD, JHIRI P/O KAMRE  
RANCHI  
JHARKHAND  
835222  
PH. NO :6205111285



Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**MADHUSUDAN ANAND**

for successfully completing the course

**Soft Skills**

with a consolidated score of **78 %**

Online Assignments	<b>24.69/25</b>	Proctored Exam	<b>53.25/75</b>
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Total number of candidates certified in this course: **3146**

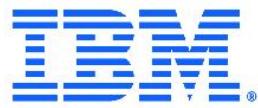
Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

**Jul-Oct 2018**  
(12 week course)



Indian Institute of Technology Roorkee





Mar 12, 2021

# Madhusudan Anand

has successfully completed

## What is Data Science?

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

Rav Ahuja  
Global Program Director,  
Skills Network

Alex Akson, Ph.D.  
Data Scientist

## COURSE CERTIFICATE



Verify at [coursera.org/verify/MLV6TELAFA6](https://coursera.org/verify/MLV6TELAFA6)

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



# CERTIFICATE OF PARTICIPATION

This is to certify that

**Madhusudan Anand**

has participated in **Spotle AI-Thon Level II - Build A Mood Detector App.**

Mousum Dutta

**Mousum Dutta**

Program Director, Spotle.ai

amish

**Dr R.L. Karandikar**

Director, Chennai Mathematical Institute

Dated: **2020-09-22**

Certificate ID: **CBDD99015E0641B3**



# CERTIFICATE OF COMPLETION

This is to certify that

**Madhusudan Anand (Team: The Bug Slayers)**

has completed **Spotle AI-thon Level I - The AI Quiz**  
with rank **31** (out of **7097** participants).

A handwritten signature in blue ink that appears to read "Mousum Dutta".

A handwritten signature in blue ink that appears to read "R.L. Karandikar".

Mousum Dutta

Program Director, Spotle.ai

Dr R.L. Karandikar

Director, Chennai Mathematical Institute

Dated: **2020-08-28**

Certificate ID: **7BE3E31D855F4170**



**Sakshi**  
EQUALITY IS INCLUSIVENESS



युवा कार्यक्रम और खेल मंत्रालय  
MINISTRY OF  
YOUTH AFFAIRS AND SPORTS

# THE RAKSHIN CERTIFICATE

## FELLOWSHIP LEVEL 1 | CERTIFICATE 1

THIS IS TO CERTIFY THAT

Madhusudan Anand

has participated in The Rakshin Project **Activation Workshop / Webinar**  
to Prevent, Prohibit and Resolve Child Sexual Abuse and Make Home a Safe Space.

NSS Program Officer

**Smita Bharti**  
*Executive Director*  
**The Rakshin Project by Sakshi**

STATE : West Bengal

COLLEGE : Siliguri Institute of Technology

DATE : 13 Jul 20

RAKSHIN UNIQUE ID: 034SIITS