Best practice 2

1. **Title of the Practice: -**

   Massive Open Online Courses (MOOCs) Certification Courses (such as NPTEL, SWAYAM, Coursera, Udemy, etc.) constitute one of the most innovative movements within open learning. These certificate courses constantly keep students evolving with new learning opportunities in higher education and to be in touch with current trends.

2. **Objectives of the Practice: -**
   - To enable students, gain advanced technological and subject knowledge through video lectures prepared by IITs, IISc and IIMs.
   - To promote continuous professional development through self-learning and life-long learning.
   - To impart life skills, develop the personality and communication skills.
   - To motivate the students for joining the courses beyond curriculum or to join the interdisciplinary course of their interest.

3. **The Context: -**

   MOOC courses offers open online courses along with certification in various Engineering Disciplines, Sciences, Humanities, Management and Research which provide relevant exposure to tools and technologies. This facilitates flexibility for the students to prioritize the time at their own pace and comfort. In order to gain in-depth knowledge and mastery learning of various components of the curriculum, the students can opt for courses from the same or interdisciplinary courses.The modular structure of these courses is learner friendly and enables participants to move smoothly along the spiral of learning.

4. **The Practice: -**

1. With the commencement of academic session, students were informed about the various online certification courses available. They are then motivated to register on the platform and enroll in the course of their choice.

2. Once they enroll themselves, they receive course material which they have to go through and after stipulated time, they have to submit the assignments.

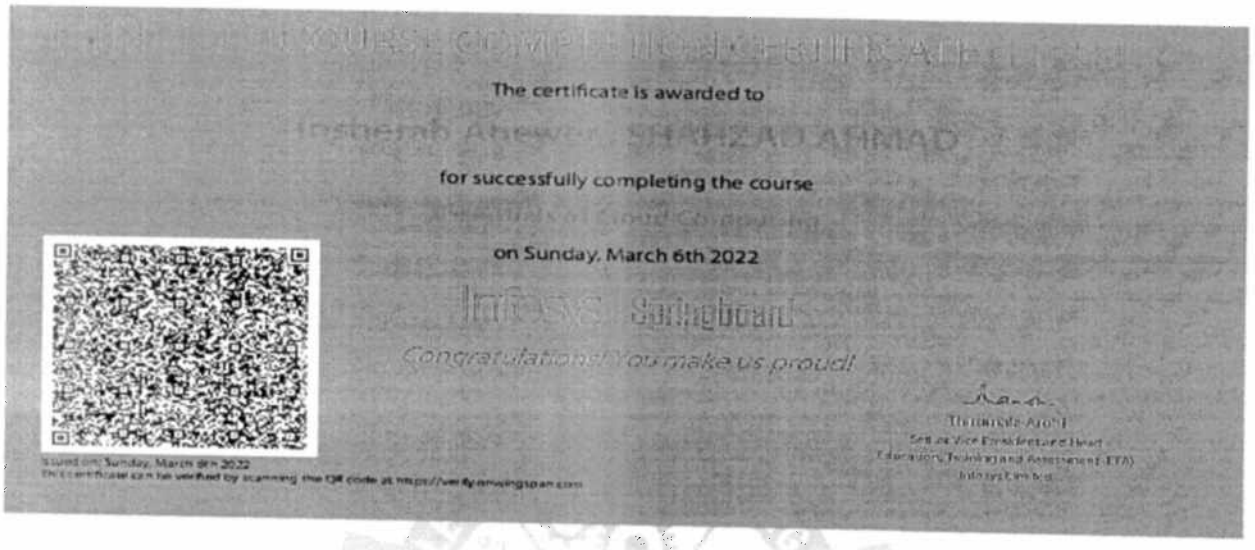
3. On successful submission of all the assignments and Online Exams, the respective organization issues the certificate of completion of the course.

Coordinator

Dr. M. S. Khatib
Associate Professor & Head
Computer Sci. & Engg. Deptt.
Anjuman College of Engg. & Tech.

Dr. Syed Mohammed Ali
Principal
Anjuman College of Engineering & Technology, Sadar, Nagpur

5. Evidence of Success: -



udemy

CERTIFICATE OF COMPLETION

Artificial Intelligence Introduction for Non-Technicals

Instructors Sudhanshu Saxena

Avanti Maske

Date March 28, 2022
Length 3.5 total hours

Coordinator

Dr. M. S. Khatib
Associate Professor & Head
Computer Sci. & Engg. Deptt
Anjuman College of Engg. & Tech.
Sadar, Nagpur

Dr. Syed Mohammed Ali
Principal
Anjuman College of Engineering
& Technology, Sadar, Nagpur

ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY
MANGALWARI BAZAAR ROAD, SADAR, NAGPUR - 440001.
Managed By Anjuman Hami-E-Islam, Nagpur
ACADEMIC SESSION 2021-2022

Great Learning

CERTIFICATE OF COMPLETION

Presented to

Farhan Khan A-44

For successfully completing a free online course

Data Structures in C

Provided by

Great Learning Academy

(Dec August 2022)

To verify this certificate visit verify.mygreatlearning.com/BZME9GZP

Meta

COURSE CERTIFICATE

Aug 14, 2022

Hritik Nagpure

has successfully completed

Introduction to Front-End Development

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

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Meta

Verify at:
https://coursera.org/verify/PQ9B5FXADU7
Coursera has confirmed the identity of this individual and their participation in the course.

Coordinator

Dr. M. S. Khatib
Associate Professor & Head
Computer Sci. & Engg. Deptt.
Anjuman College of Engg. & Tech
Sadar, Nagpur

Dr. SYED MOHAMMAD ALI
Principal
Anjuman College of Engineering
& Technology, Sadar, Nagpur

6. **Problems Encountered and Resources Required: -**

No problems encountered.

7. **Notes: -**

List of Students completed MOOC Courses in year 2021-22

Sr.No	Course/Program platform SWAYAM/COURSE/ MOOC/Udemy	Name of Student	Date	Course Name
1	Infosys	Insherah Ahewer Shahzad Ahmad	03/06/2022	Essentials of Cloud Computing
2	Udemy	Avanti Maske	28/03/2022	Artificial Intelligence Introduction for Non Technicals
3	Udemy	Mirza Asim	24/02/2022	The Complete Python Course |Learn Python by doing in 2022
4	Infosys	Saniya Kureshi	15/07/2022	Introduction to Cloud Computing
5	Skillup	Mohammad Sajid	22/05/2022	Introduction to HTML
6	Great Learning	Farhan Khan	August-22	Data Structures in C
7	Great Learning	Farhan Khan	August-22	Data Structures in JAVA in Hindi
8	CISCO Networking Academy	Vidhi Jaiswal	25/01/2022	CCNAv7: Introduction to Networks
9	CISCO Networking Academy	Syed Amirah Rizwan	04/05/2022	CCNAv7: Switching, Routing, and Wireless Essentials
10	Great Learning	Haider Ali	August-22	Python Programming in Hindi
11	Great Learning	Alfiya Farheen	August-22	My SQL Basics
12	CISCO Networking Academy	Alfiya Siddique	25/01/2022	CCNAv7: Introduction to Networks
13	Coursera	Hritik Nagpure	14/08/2022	Introduction to Front-End Development
14	Coursera	Hritik Nagpure	28/08/2022	HTML, CSS, and JavaScript for Web Developers
15	ED Spread	MOHAMMAD ASIF KHAN	04/08/2022-10/08/2022	YouTube clone with React JS Boot camp
16	Great Learning	MOHAMMAD ASIF KHAN	January-22	Front End Development - HTML
17	Udemy	Asif khan	08/02/2022	Wordpress - Elementor Advance Setting in Hindi
18	Internshala Trainings	Bilqees Shabeeh Khwaja	11/03/2022	Programming with Python.
19	Code Insight Academy	Abhay Anandkumar Zingre	18/05/2022	python (flask)
20	Log2Base2	Burhanuddin Khamgaonwala	15/07/2022	Algorithms
21	Log2Base2	Burhanuddin Khamgaonwala	21/06/2022	C Programming
22	Log2Base2	Burhanuddin Khamgaonwala	29/06/2022	Data Structure
23	Log2Base2	Burhanuddin Khamgaonwala	25/07/2022	Problem Solving with DSA

Coordinator

Dr. M. S. Khatib
Associate Professor & Head
Computer Sci. & Engg. Deptt.
Anjuman College of Engg. & Tech.
Sadar, Nagpur

Dr. M. S. Khatib
HOD (CSE)

Dr. Syed Mohammed Ali
Principal
Anjuman College of Engineering

List of Students completed MOOC Courses in year 2021-22

24	Universal Online Certified	Shoeb Javed Khan	Dec-21	C Language
25	Skillup	Aquib Darain	18/03/2022	Introduction to IoT
26	Skillup	Aquib Darain	16/03/2022	Full Stack Development for Beginners
27	ISRO	JAY SANJAY AVCHAR	02-10-2022	Overview of Geoprocessing using Python
28	Great Learning	Saba Parveen Khan	August-22	Data Structure in JAVA in Hindi
29	NPTEL	Sanket S Jangade	January-April 2022	Computer Integrated Manufacturing

Link: Supporting Documents for Best_Practice_2

Coordinator

Dr. M. S. Khatib
Associate Professor & Head
Computer Sci. & Engg. Deptt.
Anjuman College of Engg. & Tech.
Sadar, Nagpur

Dr. M. S. Khatib
HOD (CSE)

SYED MOHAMMAD ALI
Principal
Anjuman College of Engineering & Technology, Sadar, Nagpur

Dr. Syed Mohammed Ali
Principal

Infosys®
Navigate your next

COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Insherah Ahewer . SHAHZAD AHMAD

for successfully completing the course

Essentials of Cloud Computing

on Sunday, March 6th 2022

Infosys | Springboard

Congratulations! You make us proud!

Thirumala Arohi
Senior Vice President and Head
Education, Training and Assessment (ETA)
Infosys Limited

Issued on: Sunday, March 6th 2022
This certificate can be verified by scanning the QR code at https://verify.onwingspan.com

udemy

Certificate no: UC-98b370ad-26cb-4a19-b663-7f10bb657642
Certificate url: ude.my/UC-98b370ad-26cb-4a19-b663-7f10bb657642
Reference Number: 0004

CERTIFICATE OF COMPLETION

Artificial Intelligence Introduction for Non-Technicals

Instructors **Sudhanshu Saxena**

Avanti Maske

Date **March 28, 2022**
Length **3.5 total hours**

udemy

Certificate no: UC-07bfed8a-b260-4d72-b059-ad0e4b7c627e
Certificate url: ude.my/UC-07bfed8a-b260-4d72-b059-ad0e4b7c627e
Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete Python Course | Learn Python by Doing in 2022

Instructors **Codestars by Rob Percival, Jose Salvatierra, Rob Percival, Teclado by Jose Salvatierra**

Mirza Asim

Date **Feb. 24, 2022**
Length **35.5 total hours**

Infosys®
Navigate your next

COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Saniya Kureshi

for successfully completing the course

Introduction to Cloud Computing

on Friday, July 15th 2022

Infosys | Springboard

Congratulations! You make us proud!

Thirumala Arohi
Senior Vice President and Head
Education, Training and Assessment (ETA)
Infosys Limited

Issued on: Friday, July 15th 2022
This certificate can be verified by scanning the QR code at https://verify.onwingspan.com

SkillUP
by Simplilearn

Declaration of Completion

MOHAMMAD SAJID

has successfully completed the online course:

Introduction to HTML

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

22nd May 2022

Certificate code : 3469986

Krishna Kumar
CEO

CERTIFICATE OF COMPLETION

Presented to

Farhan Khan A-44

For successfully completing a free online course

Data Structures in C

Provided by

Great Learning Academy

(On August 2022)

To verify this certificate visit verify.mygreatlearning.com/BZMESGZP

CERTIFICATE OF COMPLETION

Presented to

Md Farhan Khan

For successfully completing a free online course

Data Structure in Java in Hindi

Provided by

Great Learning Academy

(On August 2022)

To verify this certificate visit verify.mygreatlearning.com/LCTPZHFX

Networking Academy

25 Jan 2022

Dear Vidhi Jaiswal,

I want to congratulate you on completing the Cisco® **CCNAv7: Introduction to Networks** course as part of the Cisco Networking Academy® program. This hands-on, lab-oriented course has prepared you for tremendous career opportunities.

You have achieved student level credential for completing CCNAv7: Introduction to Networks, and acquired the following capabilities:

- Configure switches and end devices to provide access to local and remote network resources.
- Explain how physical and data link layer protocols support the operation of Ethernet in a switched network.
- Configure routers to enable end-to-end connectivity between remote devices.
- Create IPv4 and IPv6 addressing schemes and verify network connectivity between devices
- Explain how the upper layers of the OSI model support network applications.
- Configure a small network with security best practices.
- Troubleshoot connectivity in a small network.

In today's world, technical literacy is more important than ever, and Cisco is proud to provide you with the knowledge and skills necessary to build and maintain digital networks.

Keep up the great work and best wishes for continued future success.

Sincerely,

Chuck Robbins
Chairman and Chief Executive Officer
Cisco

Networking Academy

5 Apr 2022

Dear Syed Amirah Rizwan,

I want to congratulate you on completing the Cisco® **CCNAv7: Switching, Routing, and Wireless Essentials** course as part of the Cisco Networking Academy® program. This hands-on, lab-oriented course has prepared you for tremendous career opportunities.

You have achieved student level credential for completing CCNAv7: Switching, Routing, and Wireless Essentials, and acquired the following capabilities:

- Configure VLANs and Inter-VLAN routing applying security best practices.
- Troubleshoot inter-VLAN routing on Layer 3 devices.
- Configure redundancy on a switched network using STP and EtherChannel.
- Troubleshoot EtherChannel on switched networks.
- Explain how to support available and reliable networks using dynamic addressing and first-hop redundancy protocols.
- Configure dynamic address allocation in IPv6 networks.
- Configure WLANs using a WLC and L2 security best practices.
- Configure switch security to mitigate LAN attacks.
- Configure IPv4 and IPv6 static routing on routers.

In today's world, technical literacy is more important than ever, and Cisco is proud to provide you with the knowledge and skills necessary to build and maintain digital networks.

Keep up the great work and best wishes for continued future success.

Sincerely,

Chuck Robbins
Chairman and Chief Executive Officer
Cisco

Great Learning

CERTIFICATE OF COMPLETION

Presented to

Haider Ali

For successfully completing a free online course

Python Programming in Hindi

Provided by

Great Learning Academy

(On August 2022)

To verify this certificate visit verify.mygreatlearning.com/DXTLACRF

CamScanner

Great Learning

CERTIFICATE OF COMPLETION

Presented to

Haider Ali

For successfully completing a free online course

Python Projects

Provided by

Great Learning Academy

(On August 2022)

To verify this certificate visit verify.mygreatlearning.com/DXGIATGN

CamScanner

Great Learning

CERTIFICATE OF COMPLETION

Presented to

Haider Ali

For successfully completing a free online course

NumPy Tutorial

Provided by

Great Learning Academy

(On September 2022)

To verify this certificate visit verify.mygreatlearning.com/HFOEGSEL

CamScanner

Great Learning

CERTIFICATE OF COMPLETION

Presented to

Haider Ali

For successfully completing a free online course

Java Programming

Provided by

Great Learning Academy

(On September 2022)

To verify this certificate visit verify.mygreatlearning.com/OSQPOBGL

CamScanner

CERTIFICATE OF COMPLETION

Presented to

Alfiya Farheen

For successfully completing a free online course

My SQL Basics

Provided by

Great Learning Academy

(On July 2022)

To verify this certificate visit verify.mygreatlearning.com/PXVZKSFB

Corporate
Social
Responsibility

Certificate of Course Completion

Cisco Networking Academy

CCNAv7: Introduction to Networks

The student has successfully achieved student level credential for completing CCNAv7: Introduction to Networks course administered by the undersigned instructor. The student was able to proficiently:

- Configure switches and end devices to provide access to local and remote network resources.
- Explain how physical and data link layer protocols support the operation of Ethernet in a switched network.
- Configure routers to enable end-to-end connectivity between remote devices.
- Create IPv4 and IPv6 addressing schemes and verify network connectivity between devices
- Explain how the upper layers of the OSI model support network applications.
- Configure a small network with security best practices.
- Troubleshoot connectivity in a small network.

Alfiya Siddique

Student

Vishwakarma Institute Of Information Technology

Academy Name

India

Location

25 Jan 2022

Date

Laura Quintana
VP & General Manager, Cisco Networking Academy

Meta

COURSE CERTIFICATE

Aug 14, 2022

Hritik Nagpure

has successfully completed

Introduction to Front-End Development

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

Meta

Verify at:
https://coursera.org/verify/QTB5GFXXADU7

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

JOHNS HOPKINS UNIVERSITY

COURSE CERTIFICATE

Aug 28, 2022

Hritik Nagpure

has successfully completed

HTML, CSS, and Javascript for Web Developers

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

Yaakov C.

Yaakov Chaikin
Adjunct Professor, Graduate Computer Science
Whiting School of Engineering
Johns Hopkins University

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Verify at:
coursera.org/verify/3YTL4WFG24WJ

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

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University. It does not confer a JHU grade, course credit or degree; establish a relationship between this learner and JHU; enroll or register this learner at JHU or in any course offered by JHU; or entitle this learner to access or use resources beyond the online courses provided by Coursera.

CERTIFICATE

OF PARTICIPATION

ED SPREAD

Fall in the loop of Tech

PROUDLY PRESENTED TO

MOHAMMAD ASIF KHAN

For successfully attending the 7-Day YouTube clone with React JS Bootcamp

[4th August - 10th August 2022]

ED SPREAD

FALL IN THE LOO OF TECH

RIDDHI SUTERI

INSTRUCTOR AT ED-SPREAD

CERTIFICATE OF COMPLETION

Presented to

Mohammad Asif Khan

For successfully completing a free online course

Front end Development - HTML

Provided by

Great Learning Academy

(On January 2022)

To verify this certificate visit verify.mygreatlearning.com/BVIUKWUY

udemy

Certificate no: UC-36cc2179-e000-4587-a2dc-549d36263eec
Certificate url: ude.my/UC-36cc2179-e000-4587-a2dc-549d36263eec
Reference Number: 0004

CERTIFICATE OF COMPLETION

WORDPRESS -Elementor Advance Setting in Hindi

Instructors **DEEVAANSHI EDUCATOR**

Asif Khan

Date **Aug. 2, 2022**
Length **1.5 total hours**

INTERNSHALA TRAININGS

Certificate of Training

Bilqees Shabeeh Khwaja

has successfully completed a 6-week online training on **Programming with Python**. The training consisted of Introduction to Python, Using Variables in Python, Basics of Programming in Python, Principles of Object-oriented Programming (OOP), Connecting to SQLite Database, Developing a GUI with PyQT, Application of Python in Various Disciplines, and The Final Project modules.

In the final assessment, Bilqees Shabeeh scored 83% marks.

We wish Bilqees Shabeeh all the best for future endeavours.

Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-11-03 Certificate no. : 9AB4F75C-B628-BAD9-CA27-B5321E6DCB38

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

20220201037

Certificate of Training

This certifies that

Mr./ Ms./ Mrs. Abhay Anandkumar Zingre

has completed 3 weeks of training in **Python (flask)** with project course from 28/03/2022 to 15/04/2022 offered by Code Insight Academy (Branch of Zazpi Tech Pvt Ltd) in association with Anjuman College of Engineering & Technology. He/She has been examined and found to have good knowledge for the same.

Code Insight Academy

Branch of Zazpi tech Pvt Ltd

Date :18/05/2022

Priyanka Bayde

Dr. Priyanka S. Sonare
Director
Code Insight Academy

Log2Base2

CERTIFICATE OF COMPLETION

Burhanuddin Khamgaonwala

has successfully completed the

Algorithms

course on log2base2.com

Completion Date : 15/07/2022

Certificate ID : LBALS1657863395988

Premkumar

Premkumar R
Founder & CEO

Log2Base2

CERTIFICATE OF COMPLETION

Burhanuddin Khamgaonwala

has successfully completed the

C Programming

course on log2base2.com

Completion Date : 21/06/2022

Certificate ID : LBCPG1655813496782

Premkumar

Premkumar R
Founder & CEO

Log2Base2

CERTIFICATE OF COMPLETION

Burhanuddin Khamgaonwala

has successfully completed the

Data Structure

course on log2base2.com

Completion Date : 29/06/2022

Certificate ID :LBDSS1656495124018

Premkumar

Premkumar R
Founder & CEO

Log2Base2

CERTIFICATE OF COMPLETION

Burhanuddin Khamgaonwala

has successfully completed the

Problem Solving with DSA

course on log2base2.com

Completion Date : 25/07/2022

Certificate ID :LBPDS1658753453597

Premkumar

Premkumar R
Founder & CEO

ISO 9001 : 2008 Certified Organization

Recognize by Government

Registered by Charity Commissioner of Maharashtra

SBSSN SBSSN

Universal Online Certified

ENROLL. NO. - SBSSN/UO/014/1553

REG. NO. MH - 70/12 (N) | F - 29781 (N)

Certificate

This is to certify that

SHOEB JAVED KHAN

has successfully completed the course of

CERTIFICATE IN C LANGUAGE

he/she has passed the examination in grade **A**

Seal & Sign
Center Head SBSSN

Secretary SBSSN

Session : DEC. 2021

Verification Link: http://universalonline.org/verification.aspx

Maharashtra - INDIA

Grade System : (A++ : 90 & above) | (A+ : 75 to 89) | (A : 60 to 74) | (B+ : 50 to 59) | (B : 40 to 49)

www.universalonline.org

SkillUP
by Simplilearn

Declaration of Completion

Aquib Darain

has successfully completed the online course:

Introduction to IoT

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

18th Mar 2022

Certificate code : 3324096

Krishna Kumar
CEO

SkillUP
by Simplilearn

Declaration of Completion

Aquib Darain

has successfully completed the online course:

Full Stack Development for Beginners

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

16th Mar 2022

Certificate code : 3317540

Krishna Kumar
CEO

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

सत्यमेव जयते

नामांकन सं. / Enrolment No. : 2021941454340

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणपत्र

MR. JAY SANJAY AVCHAR

को **" पायथन द्वारा जियोप्रोसेसिंग का अवलोकन "**

मे ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन **17 जनवरी, 2022 से 28 जनवरी, 2022 (कुल पाठ्यक्रम की अवधि = 10 घंटे 30 मिनट)** के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- अंजुमन कॉलेज ऑफ इंजीनियरिंग एंड टेक्नोलोजी)

THIS CERTIFICATE IS

AWARDED TO

MR. JAY SANJAY AVCHAR

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

"Overview of Geoprocessing using Python"

THIS ONLINE COURSE WAS CONDUCTED DURING **17-01-2022 to 28-01-2022** (Total course duration was = 10 hours and 30 minutes).

(Concerned IIRS Nodal Centre- **Anjuman College of Engineering and Technology)**

Date: **10-02-2022**
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID: 882a96c0b69266f3d40b4e5b8806ebfe .This Certificate can be validated using URL- https://certificate.iirs.gov.in

Great Learning

CERTIFICATE OF COMPLETION

Presented to

Saba Parveen Khan

For successfully completing a free online course

Data Structure in Java in Hindi

Provided by

Great Learning Academy

(On August 2022)

Scanned with CamScanner

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

Roll No: NPTEL22ME10S13930949

To
SANKET S JANGADE
C/O SHRAWAN KANEKAR
INFRONT OF NARAYANA E-TECHNO SCHOOL
NAGPUR
MAHARASHTRA - 440008
PH. NO :9767581689

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

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SANKET S JANGADE

for successfully completing the course

Computer Integrated Manufacturing

with a consolidated score of **69** %

Online Assignments	25/25	Proctored Exam	43.5/75

Total number of candidates certified in this course: **865**

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

Jan-Apr 2022
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam

Roll No:NPTEL22ME10S13930949

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