

Qualifying in GATE 2020 does not guarantee either an admission to a post-graduate programme or a scholarship/assistantship. Admitting institutes may conduct further tests or interviews for final selection.

In the GATE 2020, the qualifying marks for a general category candidate in each paper is  $\mu + \sigma$  or 25 marks (out of 100), whichever is greater, where  $\mu$  is the mean and  $\sigma$  is the standard deviation of marks of all the candidates who appeared in the paper. The qualifying marks for OBC(NCL) and SC/ST/PwD candidates are 90% and two-third of a general category candidate in the paper respectively.

The GATE 2020 score was calculated using the formula

GATE Score = 
$$S_q + (S_t - S_q) \frac{(M - M_q)}{(M_t - M_q)}$$

where

M is marks (out of 100) obtained by the candidate in the paper

 $M_q$  is the qualifying marks for general category candidate in the paper

\$\overline{M}\_t^\*\$ is the mean of marks of top 0.1% or top 10 (whichever is greater) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

 $S_q = 350$ , is the score assigned to  $M_q$ 

 $S_t = 900$ , is the score assigned to  $\overline{M}_t$ 

In multi-session (Civil Engineering and Mechanical Engineering) papers, the normalized mark of  $j^{th}$  candidate in the  $i^{th}$  session  $\hat{M}_{ij}$  was computed using the formula

$$\widehat{M}_{ij} = \frac{\widehat{M}_t^g - M_q^g}{\widehat{M}_{ti} - M_{i\alpha}} (M_{ij} - M_{iq}) + M_q^g$$

where

 $M_{ij}$  is the actual marks obtained by the  $f^{th}$  candidate in  $i^{th}$  session

 $\mathbf{M}_{t}^{g}$  is the average marks of the top 0.1% of the candidates considering all sessions

 $M_a^0$  is the sum of mean and standard deviation marks of the candidates in the paper considering all sessions

 $\vec{M}_{tl}$  is the average marks of the top 0.1% of the candidates in the  $t^{th}$  session

 $M_{la}$  is the sum of the mean marks and standard deviation of the  $l^{th}$  session

Graduate Aptitude Test in Engineering (GATE) 2020 was organised by Indian Institute of Technology Delhi on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Human Resources Development (MHRD), Government of India.



Certificate no: UC-e7987ea0-2f6d-4f7e-a676-e5d5d4d09d95 Certificate url: ude.my/UC-e7987ea0-2f6d-4f7e-a676-e5d5d4d09d95 Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Python Developer in 2023: Zero to Mastery

Instructors Andrei Neagoie, Zero To Mastery

## **Gauray Mishra**

Date Nov. 12, 2022 Length 31 total hours ID: 15F3492487BD

## HackerRank Certificate

This is to certify that

## **Gauray Mishra**

has successfully cleared the assessment for the skill

Problem Solving (Basic)

31 Jan, 2023

Date

J. Hanslutanor.
Harishankaran K

CTO, HackerRank



# CERTIFICATE OF COMPLETION

Presented to

## Gaurav Mishra

For successfully completing a free online course My SQL Basics

Provided by Great Learning Academy

(On December 2022)



# Declaration of Completion

## Gaurav Mishra

has successfully completed the online course:

Data Science with Python

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

25<sup>th</sup> Dec 2022

Certificate code: 4039436

Krishna Kumar ceo



## MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL, MADHYA PRADESH

Certificate of Participation

This is to certify that



of college/university

"Maulana Azad National Institute of Technology"

has participated in the Five-Day

Online Workshop

RECENT TRENDS IN CLEAN ENERGY (RTCE-2021)

 $08^{\rm th} - 12^{\rm th}$  March, 2021

Maulana Azad National Institute of Technology, Bhopal Organized by Department of Chemical Engineering

Dr. Sumit H. Dhawane MANIT, Bhopal Coordinator

Dr. Gaurav Dwivedi Jene

Dr. Tikendra Nath Verma (Dr. Jam. MANIT, Bhopal Coordinator

MANIT, Bhopal Coordinator

## Madhya Pradesh Poorv Kshetra Vidyut Vitaran Co. Ltd. (Wholly Owned by Government of M.P.)

## **Central Training Institute**

Nayagaon, Jabalpur - 482008 (An ISO 9001:2015 Certified Institute, Partner Training Institute REC, PFC, Ministry of Power, Government of India)



Date: 30-01-2019

## **CERTIFICATE OF VOCATIONAL TRAINING / INTERNSHIP**

This is to contifu that

| i ms is to certify that                        |
|--|
| Mr./y/s Gayrav Mishra                          |
| Student of Cayan Ganga Institute of Technology |
| Class Branch Electrical EngSem/Year VI         |
| has completed20                                |
| Electrical Power Distribution                  |
| From 11-01-2019 (Date) To 30-01-2019 (Date)    |
| in this Manufaction                            |

in this Organisation.

Training Officer

Course Director

& DGM (Training)

## Madhya Pradesh Poorv Kshetra Vidyut Vitaran Co. Ltd.

(Wholly Owned by Government of M.P.)

## **Central Training Institute**

Nayagaon, Jabalpur - 482008 (An ISO 9001:2015 Certified Institute, Recognised by Central Electricity Authority, Ministry of Power, Government of India)

Certificate No. CTI/ 19/50

Batch No. 01



Date: 11/01/2019

## CERTIFICATE OF TRAINING

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|----|----|----|---------|------|--------------|------------------|
| TI | 15 | 10 | cerniy  | mai  | 1V\1'./1VX5. | OIGULANDI USNOHA |

Designation Trainee (B.E.)

has attended one day workshop and training in

## STRESS MANAGEMENT

on 11/01/2013...

at this institute

Training Coordinator

Course Director D.G.M. (Training) MPPKVVCL, Jabalpur

# CERTIFICATE

For Internship Completion –

PROUDLY PRESENTED TO

# Laurar Mishra

We found Gaurav Mishra sincere, hardworking, dedicated, and result-oriented. company as whole. from 28th October 2022 to 28th January 2023, we take this He did an excellent role as Research Analyst and also uplifted others and the opportunity to appreciate and wish him the best in his future.

Date: 03/02/2023

Certificate Code: 16957028







Certificate no: UC-ad987c90-5aaf-40b4-bffd-c279040a512b Certificate url: ude.my/UC-ad987c90-5aaf-40b4-bffd-c279040a512b

-ad987c90-5aaf-40b4-bfld-c279040a512b Reference Number: 0004

CERTIFICATE OF COMPLETION

## Microsoft Excel - Excel from Beginner to Advanced

Instructors Kyle Pew, Office Newb

## **Gauray Mishra**

Date March 11, 2023 Length 21 total hours



## CERTIFICATE

**OF APPRECIATION** 

# Well Wisher

deserves all the applause!

Keep doing the great work you do to make the world a better place. Your support will go a long way in saving a life.

We thank you for your generosity.

13th Dec, 2021

DATE



Verm Shoth

Varun Sheth, CEO, Ketto



Your kind acts of donation have gifted many people a second chance at life. We thank you for being the change this world needs.



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: NPTEL20EE22S1569186

TO
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1671, MAANSAROWAR COLONY NEAR YASH
NURSERY SCHOOL
ADHARTAL
JABALPUR
MADHYA PRADESH - 482004
PH. NO :7879144355



## 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

## **GAURAV MISHRA**

for passing the course

## **Control Engineering**

with Score\* 73 %



Devendra Jalihal

Prof. Devendra Jalihal Chairman Centre for Continuing Education, IITM

Jan-Apr 2020 (12 week course) Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras



\*Continuous online assessment score



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

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### Roll No: NPTEL20EE24S1553167

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1671, MAANSAROWAR COLONY NEAR YASH
NURSERY SCHOOL
ADHARTAL
JABALPUR
MADHYA PRADESH - 482004
PH. NO :7879144355



## No. of credits recommended by NPTEL:2

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



## **NPTEL Online Certification**



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

This certificate is awarded to

## **GAURAV MISHRA**

for passing the course

## **Analog Circuits**

with Score\* 85 %



Jan-Mar 2020 (8 week course)





Indian Institute of Technology Bombay



\*Continuous online assessment score To validate and check scores: https://nptel.ac.in/noc