LIST OF ALL THE DOCUENTS
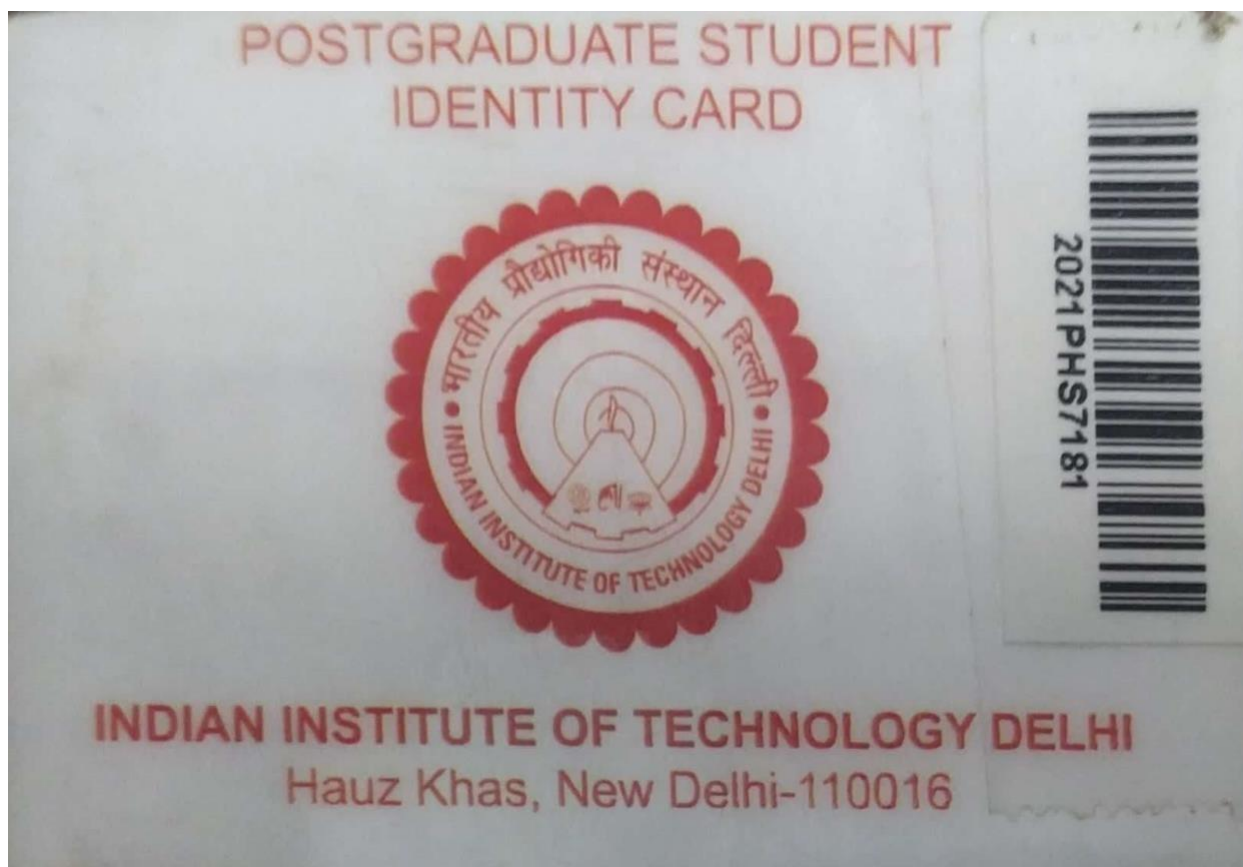
Entry No. 2021PHS 7181

Name Harikesh Kushwaha

Programme M.Sc.

Deptt. / Centre Physics

Harikesh Kushwaha

Signature of Student

A.C. Vyas

Signature of AR/DR/JR/Academics

Valid 30-07-2023

POSTGRADUATE STUDENT
IDENTITY CARD

INDIAN INSTITUTE OF TECHNOLOGY DELHI

2021PHS7181

INDIAN INSTITUTE OF TECHNOLOGY DELHI
Hauz Khas, New Delhi-110016

माध्यमिक शिक्षा परिषद्, उत्तर प्रदेश
Board of High School and Intermediate Education U.P.

हाईस्कूल परीक्षा –२०१६
High School Examination - 2016

प्रमाणपत्र-सह-अंकपत्र (CERTIFICATE-CUM-MARKS SHEET)

अनुक्रमांक Roll No.	जनपद/केन्द्र/विद्यालय कोड Distt./Centre/School Code	संस्थागत्/व्यक्तिगत् Regular / Private	परीक्षा प्रवर्ग Exam. Type	प्रमाणपत्र क्रमांक Certificate No.
2755299	77/26075/1001	REGULAR	FULL EXAM	77000065

प्रमाणित किया जाता है कि (This is to certify that)
परिषद् के अभिलेखानुसार (according to the Board's record)- **HARIKESH KUSHWAHA**
आत्मज/आत्मजा श्रीमती (son/daughter of Mrs.)- **IMIRTA DEVI**
एवं श्री (and Mr.)- **RAMBALAK KUSHWAHA**
जिनकी जन्मतिथि (whose date of birth is)-
18TH JULY TWO THOUSAND TWO (18-07-2002)

ने फरवरी/मार्च 2016 की हाईस्कूल परीक्षा विद्यालय/केन्द्र (has passed High School Examination held in February/March 2016 है,
from School/Centre)- **NAVTAPPI I C RAMPURGARH DEORIA**
से निम्न विवरणानुसार उत्तीर्ण की है (with the following details): -

विषय Subject	अधिकतम अंक Max. Marks	प्राप्तांक Obtained Marks सैद्धान्तिक (Theory)	प्रयोगात्मक (Practical)	योग Total	ग्रेड Grade	परीक्षाफल Result
HINDI	100	059	030	089	A2	
ENGLISH	100	055	030	085	A2	PASSED
MATHEMATICS	100	059	030	089	A2	
SCIENCE	100	055	030	085	A2	
SOCIAL SCIENCE	100	055	030	085	A2	
DRAWING	100	050	029	079	B1	

No divisions are awarded

Category of Moral, Sports and Physical Education- A

तिथि (Date)- 15-05-2016

स्थान (Place)- Allahabad, Uttar Pradesh

Note : For Important Instructions see overleaf.

श्रीमती शैल यादव
(Smt. Shail Yadav)
सचिव (Secretary)

क्रमांक (Sr. No.)
1687173
77003172

माध्यमिक शिक्षा परिषद्, उत्तर प्रदेश
Board of High School and Intermediate Education U.P.

इण्टरमीडिएट परीक्षा–२०१८
Intermediate Examination-2018
प्रमाणपत्र-सह-अंकपत्र (CERTIFICATE-CUM-MARKS SHEET)

अनुक्रमांक Roll No.	उत्तर केन्द्र विद्यालय कोड Dist./Centre/School Code	संस्थागत्/व्यक्तिगत् Regular / Private	परीक्षा प्रवर्ग Exam. Type	विषय-वर्ग Subject-Group	प्रमाणपत्र क्रमांक Certificate No.
2156339	77/09964/1049	REGULAR	FULL EXAM	B-SCIENCE	77003099

प्रमाणित किया जाता है कि (This is to certify that)

परिषद् के अभिलेखानुसार (according to the Board's record)- **HARIKESH KUSHWAHA**

आत्मज / आत्मजा श्रीमती (son/daughter of Mrs.)- **IMIRTA DEVI**

एवं श्री (and Mr.)- **RAMBALAK KUSHWAHA**

ने फरवरी / मार्च 2018 में आयोजित इण्टरमीडिएट परीक्षा विद्यालय/केन्द्र (has passed Intermediate Examination held in February/March 2018 from School/Centre)- **GOVT INTER COLLEGE DEORIA**

से श्रेणी (with division)- **FIRST HONS**   में उत्तीर्ण की है।

परीक्षार्थी द्वारा उत्तीर्ण विषयों के प्राप्तांक निम्नवत हैं (Marks obtained by the candidate in passed subjects are as under) :-

विषय Subject	अधिकतम अंक Max. Marks	प्रश्नपत्रवार प्राप्तांक Paper-wise Obtained Marks			योग Total	सम्पूर्ण योग एवं परीक्षाफल Grand Total & Result
GENERAL HINDI	100	1/41	2/45		086D	
MATHEMATICS	100	1/44	2/44		088D	
PHYSICS	100	1/30	2/30	P/30	090D	439/500
CHEMISTRY	100	1/30	2/30	P/29	089D	**PASSED**
ENGLISH	100	1/41	2/45		086D	
SPORT & PHY EDU	100	T/45		P/50	095	

Note :- Marks of Sports and Physical Education will have no effect on overall Result.

'D' indicates Distinction in that particular subject,
'HONOURS' indicates candidate "passed with honour"
Note : For Important Instructions see overleaf

तिथि (Date)-   **29TH APRIL, 2018**

स्थान (Place)- Allahabad, Uttar Pradesh

(नीना श्रीवास्तव)
(Neena Shrivastava)
सचिव (Secretary)

काशी हिन्दू
विश्वविद्यालय

BANARAS HINDU
UNIVERSITY

AN INSTITUTION OF NATIONAL IMPORTANCE ESTABLISHED BY AN ACT OF PARLIAMENT

Univ. Enl. No   402318

Univ. Exam. Roll No   18220PHY147

PROVISIONAL CERTIFICATE

This is to certify that Shri / Smt. / Km.   Harikesh Kushwaha (Son / Daughter of Shri   Rambalak Kushwaha and Smt.   Imirta Devi) passed the   B. Sc. (Hons.) - Physics Examination held in   July 2021,   and was placed in the   First Division.

The Degree (Diploma) will be issued to him/her on the occasion of the next Convocation of the University.

Date : October 26, 2021

Controller of Examinations

coursera

LEARNING WITHOUT LIMITS · SPECIALIZATION CERTIFICATE

5 Courses

Neural Networks and Deep Learning

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Sequence Models

May 11, 2022

Harikesh Kushwaha

has successfully completed the online, non-credit Specialization

Deep Learning

Congratulations! You have completed all 5 courses of the Deep Learning Specialization. In this Specialization, you built neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs, Transformers, and learned how to make them better with strategies such as Dropout, BatchNorm, and Xavier/He initialization. You mastered these theoretical concepts, learned their industry applications using Python and TensorFlow, and tackled real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing, and more. You are now familiar with the capabilities and challenges of deep learning. You are ready to take the definitive step in the world of AI and participate in the development of leading-edge technology.

Andrew Ng,
Founder,
DeepLearning.AI

Kian Katanforoosh
Co-founder, Workera

Younes Bensouda Mourri
Instructor of AI,
Stanford University

Verify this certificate at:
https://coursera.org/verify/specialization/VBJF4F7UWS2K

coursera
LEARNING WITHOUT LIMITS
SPECIALIZATION CERTIFICATE

Stanford University

3 Courses

Supervised Machine Learning: Regression and Classification

Advanced Learning Algorithms

Unsupervised Learning, Recommenders, Reinforcement Learning

Aug 14, 2022

Harikesh Kushwaha

has successfully completed the online, non-credit Specialization

Machine Learning

Congratulations! You have completed all three courses of the Machine Learning Specialization. In this program, you studied modern machine learning concepts, including supervised learning (multiple linear regression, logistic regression, neural networks (deep learning), and decision trees) and unsupervised learning (clustering, dimensionality reduction, recommender systems). You learned some of the best practices used in Silicon Valley for AI innovation (evaluating and tuning models, taking a data-centric approach to improving performance, and more.) You have mastered key AI concepts and gained the practical know-how to quickly and powerfully apply machine learning techniques to challenging real-world problems. Now #BreakIntoAI and start building your career in machine learning!

Andrew Ng, Instructor, DeepLearning.AI
Eddy Shyu, Curriculum Architect, DeepLearning.AI
Aarti Bagul and Geoff Ladwig, Curriculum Engineers, DeepLearning.AI

Verify this certificate at:
https://coursera.org/verify/specialization/J3YBYUXNQRK5

काशी हिन्दू विश्वविद्यालय

BANARAS HINDU UNIVERSITY

AN INSTITUTION OF NATIONAL IMPORTANCE ESTABLISHED BY AN ACT OF PARLIAMENT

GRADE CARD

BACHELOR OF SCIENCE (HONS.) FIRST SEMESTER
EXAMINATION 2018-2019

Name of the Candidate : **Shri Harikesh Kushwaha**

Examination Roll No. : **18220PHY147**

Father's Name   : Shri Rambalak Kushwaha

Mother's Name   : Smt. Imirta Devi

Enrolment No.   : 402318

PAPERS	Credits Assigned	Grade Obtained
Core Theory Paper		
Physics		
BPL-101 : Physics Practical	2	C
BPT-101 : Mechanics and Relativity	4	B
Mathematics		
MTB-101 : Calculus-I (2012)	3	B
MTB-102 : Geometry (2012)	3	S
Geology		
GLB-101 : Elementary Physical and Structural Geology	4	B
GLB-102 : Practicals connected with GLB 101 (Inclusive of Geological Feild Training)	2	B
Total Credits :	18	
Sum of (Credits X Grade Points) obtained in First Semester		148
First Semester Grade Point Average (SGPA)		8.22

Passed

Date of Declaration of Result :   **06-04-2019**

Prepared by : ....

Checked by : 1 ....

Checked by : 2 ....

Controller of Examinations

P.T.O.

काशी हिन्दू विश्वविद्यालय

BANARAS HINDU UNIVERSITY

AN INSTITUTION OF NATIONAL IMPORTANCE ESTABLISHED BY AN ACT OF PARLIAMENT
GRADE CARD

BACHELOR OF SCIENCE (HONS.) SECOND SEMESTER EXAMINATION 2018-2019

Name of the Candidate : **Shri Harikesh Kushwaha**　　　　Examination Roll No. : **18220PHY147**

Father's Name　　　　: Shri Rambalak Kushwaha　　　　Enrolment No.　　: 402318

Mother's Name　　　　: Smt. Imirta Devi

PAPERS	Credits Assigned	Grade Obtained
Ancillary Paper		
BSC-07A : Statistics - I, Descriptive Statistics	2	B
Core Theory Paper		
Physics		
BPL-201 : Practical	2	A
BPT-201 : Thermal Physics	4	A
Mathematics		
MTB-201 : Calculus - II	3	A
MTB-202 : Statics & Dynamics	3	S
Geology		
GLB-201 : Elements of Mineralogy and Crystallography	4	B
GLB-202 : Practicals Connected with GLB-201	2	C
Total Credits :	20	

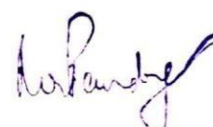|	
Sum of (Credits X Grade Points) obtained in Second Semester	173
Second Semester Grade Point Average (SGPA)	8.65
Second Semester Course Passed or Failed	Passed
First Semester Grade Point Average (SGPA)	8.22
Cumulative Grade Point Average (CGPA) upto the end of the Course	8.45

PASSED

Date of Declaration of Result :　　**16-08-2019**

Prepared by : ....

Checked by : 1 ....

Checked by : 2 ....

Controller of Examinations
P.T.O.

काशी हिन्दू विश्वविद्यालय

BANARAS HINDU UNIVERSITY

AN INSTITUTION OF NATIONAL IMPORTANCE ESTABLISHED BY AN ACT OF PARLIAMENT

GRADE CARD

BACHELOR OF SCIENCE (HONS.) IN PHYSICS FIFTH SEMESTER EXAMINATION 2020-2021

Name of the Candidate : Shri Harikesh Kushwaha

Examination Roll No. : 18220PHY147

Father's Name : Shri Rambalak Kushwaha

Enrolment No. : 402318

Mother's Name : Smt. Imirta Devi

PAPERS	Credits	Grade Obtained
Core Theory Papers :		
BPT-501 : Mathematical Physics	3	B
BPT-502 : Classical Mechanics	3	D
BPT-503 : Quantum Mechanics	3	S
BPT-504 : Electronic Devices and Circuits	3	S
BPT-505 : Electromagnetic Theory	4	B
Practicals :		
BPL-501 : Practical	3	B
BPL-502 : Practical	3	A
Total Credits :	22	
Sum of (Credits X Grade Points) obtained in Fifth Semester		185
Fifth Semester Grade Point Average (SGPA)		8.41

Passed

Date of Declaration of Result : **19-08-2021**

Prepared by : ....

Checked by : 1 ....

Checked by : 2 ....

Controller of Examinations

P.T.O.

udemy

CERTIFICATE OF COMPLETION

The Web Developer Bootcamp 2022

Instructors   **Colt Steele**

Harikesh Kumar

Date   **July 15, 2022**

Length   **64 total hours**

udemy

CERTIFICATE OF COMPLETION

Python and Django Full Stack Web Developer Bootcamp

Instructors **Jose Portilla**

Harikesh Kumar

Date **July 11, 2022**
Length **32 total hours**

Certificate of Completion

This is to certify that **Harikesh Kumar** successfully completed 22 total hours of **2021 Complete Python Bootcamp From Zero to Hero in Python** online course on May 28, 2021

Jose Portilla
Jose Portilla, Instructor

&

ひ Udemy

#BeAble

Google

COURSE
CERTIFICATE

Jun 28, 2022

Harikesh Kushwaha

has successfully completed

Introduction to Git and GitHub

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

Google

Google

STATEMENT OF ACCOMPLISHMENT

#22,139,693

HAS BEEN AWARDED TO

Harikesh Kushwaha

FOR SUCCESSFULLY COMPLETING

Introduction to SQL

COMPLETED ON

DEC 07, 2021

datacamp

Jonathan Cornelissen, CEO

STATEMENT OF ACCOMPLISHMENT

#22,176,842

HAS BEEN AWARDED TO

Harikesh Kushwaha

FOR SUCCESSFULLY COMPLETING

Joining Data in SQL

COMPLETED ON

DEC 12, 2021

datacamp

Jonathan Cornelissen, CEO

STATEMENT OF ACCOMPLISHMENT

#22,227,934

HAS BEEN AWARDED TO

Harikesh Kushwaha

FOR SUCCESSFULLY COMPLETING

Intermediate SQL

COMPLETED ON

JAN 08, 2022

Jonathan Cornelissen, CEO

Certificate of Completion

This is to certify that **Harikesh Kumar** successfully completed 44 total hours of **2021 Python for Machine Learning & Data Science Masterclass** online course on June 24, 2021

Jose Portilla

Jose Portilla, Instructor

&

Udemy

#BeAble

Certificate no: UC-76adaf95-16fc-4024-81e8-f6f5b17910ec
Certificate url: ude.my/UC-76adaf95-16fc-4024-81e8-f6f5b17910ec
Reference Number: 0004

udemy

CERTIFICATE OF COMPLETION

TensorFlow Developer Certificate in 2022: Zero to Mastery

Instructors **Andrei Neagoie, Daniel Bourke, Zero To Mastery**

Harikesh Kumar

Date   **June 17, 2022**
Length   **63.5 total hours**

LINKS FOR PROJECTS

House Prices - Advanced Regression Techniques

https://hari31416.github.io/Portfolio/ML/#house-price

Natural Language Processing with Disaster Tweets

https://hari31416.github.io/Portfolio/DL//#disaster-tweets

Digit Recognizer

https://hari31416.github.io/Portfolio/DL//#mnist

Food Vision

https://hari31416.github.io/Data-Sciences/Notes/Tensorflow_Deep_Learning/07_food_vision_milestone_project_1.html

TensorFlow Speech Recognition Challenge

https://hari31416.github.io/Portfolio/DL//#speech-recognition

Book-Gallery https://h31416-book-gallery.herokuapp.com/

Python Web Apps https://hari31416.herokuapp.com/

My Portfolio *https://hari31416.github.io/Portfolio/*

Kaggle Link *https://www.kaggle.com/hari31416/competitions?tab=active*

Digit Recognizer: Rank

Housing Price: Rank