

Certificate of Training

PRAGATI BHADOURIA

from **HERITAGE INSTITUTE OF TECHNOLOGY** has successfully completed a eight weeks online training on **Programming with C and C++** from 18th April, 2020 to 13th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. PRAGATI scored 100% marks in the final assessment and is a top performer in the training. We wish PRAGATI all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-12

Certificate no.: 72EDAE0D-F7A3-3FF1-81F5-73A24E349F88

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

Certificate of Training

Md Athar Ali

from **Heritage Institute of Technology** has successfully completed a eight weeks online training on **Programming with C and C++** from 18th April, 2020 to 13th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Md Athar scored 91% marks in the final assessment and is a top performer in the training. We wish Md Athar all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-08-04

Certificate no.: FEB2914C-0882-4028-1C8F-07C22E0F5D41

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

Certificate of Training

Nairita Datta

from **Heritage Institution of Technology** has successfully completed a six weeks online training on **Web Development** from: 23rd April, 2020 to 4th June, 2020. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. In the final assessment, Nairita scored 37% marks. We wish Nairita all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-09

Certificate no. : B0B8E5F2-469A-3CAA-770D-DE8427EA5153

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

Certificate of Training

Ambar Adhikari

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Web Development** from 1st May, 2020 to 12th June, 2020. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. We wish Ambar all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2021-04-08

Certificate no. : 4892241-4E9F-52BC-C149E21F90F1A639

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

THE WEST BENGAL POWER DEVELOPMENT CORPORATION LIMITED

(A Government of West Bengal Enterprise)



BIDYUT UNNAYAN BHABAN
CORP. OFFICE, KOLKATA

Certificate of Training

This is to certify That Mr./Ms. *Aniket Sahoo*.....
a student of *Heritage Institute of Tech., Kolkata*... of *E.C.E.*.....
Engineering/ Diploma Engineering has attended and completed the Vocational Training
Programme in our Organisation from *23 /12 /2019* to *03 /01 /2020* and from
17 /01 /2020 to *31 /01 /2020* at *BTPS / KTPS / BKTPS / SGTTP / STPS*
satisfactorily.

Date: *25.02.2020*...


(P. S. CHATTERJEE)
General Manager (HR&A)
Corporate WBPDC



In Collaboration with



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. **Atig Ghosh**, has successfully completed the summer internship at **SmartBridge Educational Services Private Limited** from **04/30/2020 to 05/30/2020**

During the internship he/she has worked under the supervision of project mentor & developed the project entitled "**Intelligent Customer Help Desk with Smart Document Understanding**".

He/she was found hardworking, punctual and inquisitive, during the tenure of internship

We wish him/her every success in career.

Jayaprakash. Ch
Program Manager

June 03, 2020
Issued on

Powered by
Smart Internz
www.smartinternz.com

SB ID: SB20200005590

Authenticity of this certificate can be validated by going to:
<https://smartinternz.com/internships/certificates/5fd81843ad71202f26ca174c7357585>

 **Certificate**

VLSI Design Engineer

This certificate is awarded to Mr. AVIK RAY for successfully completing the training course entitled **Virtual Training Program - Basic** of 130 hours duration (85 Lecture Hours + 45 Laboratory Hours) conducted from 18th May, 2020 to 12th June, 2020.


Mr. Mrinal Das
(Founder, Electronic Center of Excellence)



Date of Issue: **20th JUNE, 2020** C. N.: **ECOE-2020-VTPL1-001-07**

This certificate can be verified by going to the below address by mentioning the certificate number and date of issue.

ELECTRONICS CENTER OF EXCELLENCE (e-COE)
DC9-621, DIT Cybercity, Bhubaneswar, Odisha, INDIA-751024
e-mail: ec at ecocentreofexcellence.com Mob: +91-9977113705



Certificate of Training

AVINABA SAHA

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Data Science** from 29th April, 2020 to 10th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. We wish AVINABA all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-05 Certificate no.: 88483BF9-E978-57A7-8718-2A6FD77EF52A

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

Certificate



The certificate is awarded to Mr. DEBARATI DAS for successfully completing the Training/Internship Program entitled **VIRTUAL Training Program - Basic** of 130 hours (theory - 60, Lecture Hours + 60 Laboratory Hours) conducted from 10th May 2020 to 17th June 2020.

Mrinal Das
Mr. Mrinal Das
(Founder, Electronic Center of Excellence)



Date of Issue: **20th June 2020** C. E. - 1535-2020-VTL-1.001-06

The authenticity of this certificate can be verified by scanning the QR code.

ELECTRONICS CENTER OF EXCELLENCE (e-CEE)
FUTURE OF EDUCATION, FUTURE OF INDIA
www.eceee.com Phone: +91-9870103299



HERITAGE INSTITUTE OF TECHNOLOGY

Certificate of Training

Debarghya Debnath

from **Heritage Institute of Technology** has successfully completed a six-week online training on **Web Development** from 10th May, 2020 to 17th June, 2020. The training comprised of HTML, CSS, Bootstrap, SQL and PHP modules. We wish Debarghya all the best for the future.

Dr. Amit Agrawal
Dr. Amit Agrawal
Founder & CEO, Heritage Institute of Technology

Heritage Institute of Technology Phone: +91-9870103299
To certify authenticity, please visit: www.heritage.edu.in

Certificate of Training

Dip Chakraborty

from **Heritage Institute Of Technology** has successfully completed a six weeks online training on **Web Development** from 17th May, 2020 to 28th June, 2020. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. In the final assessment, Dip scored 73% marks. We wish Dip all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-15 Certificate no.: AFC2C3QF-ETCE-2D67-ADFB-09120AEDF058
For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

Certificate of Training

Prerana Roy

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Data Science** from 20th April, 2020 to 1st June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. Prerana scored 100% marks in the final assessment and is a top performer in the training. We wish Prerana all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-04-30 Certificate no.: 4044B27564D596CD49BD7FA462E9C2C
For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

Certificate of Training

Mandwi Bhushan

from **Heritage Institute of Technology** has successfully completed a eight weeks online training on **Programming with C and C++** from 18th April, 2020 to 13th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Mandwi scored 91% marks in the final assessment and is a top performer in the training. We wish Mandwi all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-29

Certificate no. : FB66C477-4D42-718D-C68D-EED98600227A

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

Certificate of Training

Dilshad Alam

from **Heritage Institute of Technology, Kolkata** has successfully completed a six weeks online training on **Web Development** from 22nd April, 2020 to 3rd June, 2020. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. In the final assessment, Dilshad scored 80% marks. We wish Dilshad all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-13

Certificate no. : 02837673-6B87-F9DC-D8A7-ECE930FA8862

Certificate of Training

Prerana Roy

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Data Science** from 20th April, 2020 to 1st June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. Prerana scored 100% marks in the final assessment and is a top performer in the training. We wish Prerana all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-04-27

Certificate no. : 4E343129-8A00-D9CD-A805-F1A6452E1C2C

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

Certificate of Training

Priya Kumari

has successfully completed a six weeks online training on **Web Development** from 1st May, 2020 to 12th June, 2020. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. In the final assessment, Priya scored 69% marks. We wish Priya all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-09 Certificate no.: DF4D38554-CD-E8224514-85CF8433D2D5
For certificate authentication, please visit http://trainings.internshala.com/verify_certificate

Certificate of Training

Alankrit Verma

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Programming with C and C++** from 1st May, 2020 to 12th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, Alankrit scored 73% marks. We wish Alankrit all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-25 Certificate no.: 681C7204-DE2F75F3-4080-32F800E038D0
For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

Certificate of Training

Karan Thakur

from **Heritage Institute of Technology** has successfully completed a eight weeks online training on **Programming with C and C++** from 20th April, 2020 to 15th June, 2020. The training consisted of Getting Started With Programming in C, Diving into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, Karan scored 73% marks. We wish Karan all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certificate: 2020/07/04


Certificate no.: C2849C7A992D61D33F43AA2829D8D11

For certificate authentication, please visit <https://trainings.internshala.com/verify/certificate>

Certificate

VLSI Design Engineer

This certificate is awarded to Mr. SANKALPA MUKHERJEE for successfully completing the Training/Internship Program entitled **Virtual Training Program - Basic** of 130 hours duration (65 Lecture Hours + 65 Laboratory Hours) conducted from 18th May, 2020 to 12th June, 2020


Mr. Mrinal Das
(Founder, Electronic Center of Excellence)



Date of issue: 20th JUNE, 2020

C. N.: ECOE-2020-VTPL1-001-01

This certificate can be verified by visiting the below address by entering the certificate number and date of issue

ELECTRONICS CENTER OF EXCELLENCE (e-COE)
DCB-021, DLF Cybercity, Gurgaon Sector-14, Gurgaon, INDIA-122004
www.ecoe.edu.in | Mob: +91-7077113709

Certificate of Training

Saurabh Raj

from **Heritage Institute Of Technology** has successfully completed a six weeks online training on **Machine Learning** from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. Saurabh scored 99% marks in the final assessment and is a top performer in the training. We wish Saurabh all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-08

Certificate no. : C72D7868-5170-A773-933F-E670CC8F8A8C

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



In Collaboration with



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. **Sayak Banerjee**, has successfully completed the summer internship at **SmartBridge Educational Services Private Limited** from **04/30/2020 to 05/30/2020**

During this period he/she had learned the concepts of **Artificial Intelligence Developer** and worked under the supervision of project mentor & developed the project entitled "**Intelligent Customer Help Desk with Smart Document Understanding**".

He/she was found hardworking, punctual and inquisitive, during the tenure of internship.

We wish him/her every success in career.

Jayaprakash.Ch
Program Manager

June 04, 2020
Issued on

Powered by
Smart Internz
www.smartinternz.com

SB ID: SB20200005138

Authenticity of this certificate can be validated by going to:
<https://smartinternz.com/Internships/certificates/b83aac23b9528713c23cc7352950e886>

INTERNSHALA TRAININGS

Certificate of Training

Shashank Sonal,

student of Heritage Institute of Technology, has successfully completed a six weeks online training on **Programming with Python** from 6th May, 2020 to 17th June, 2020. 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 and Application of Python in Various Disciplines modules. In the final assessment, Shashank scored 85% marks. We wish Shashank all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-03-30 | Certificate no.: 3F128A30-6997-CAE2-9C33-AE613792095A
For certificate authentication, please visit http://trainings.internshala.com/verify_certificate

Certificate of Training

Subhadip Khilari

from **Heritage Institute of Technology** has successfully completed a six weeks 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 and Application of Python in Various Disciplines modules.

We wish Subhadip all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-08-30

Certificate no.: F1NCCN1-2020-014-01FC-10449334289

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



Date: 11th January 2020

CERTIFICATE

This is to certify that **Ms.Subhangi Dutta Choudhury** from **Heritage Institute of Technology, Kolkata** has undergone an Internship for a period from **25th December to 11th January 2020** at **Larsen and Toubro** on the following project :

“Strengthening of Sub-transmission and distribution network in NDMC area”.

In L&T Construction, PT&D IC
66KV Electric Sub-station of NDMC
Dr B.D. Marg
New Delhi- 110001

**Mr. Manoj Tyagi Chief
Project Manager
Larsen & Toubro**



Jstechno Solution Pvt Ltd

GST No. : 24AADCJ7419A1ZZ

TO WHOM IT MAY CONCERN

This is to certify that below mentioned students of last year from "Heritage Institute of Technology" has successfully completed the 5 month of "Internship" from 14/04/2020 to 30/07/2020 in the "Billient Account" (<http://billientaccount.com/>) at Jstechno Solutions Pvt Ltd.

During this tenure of his work, he remain dedicated to his work, we found him active in whatever task we provided. He is trustworthy and always open to accept challenges as a staff member. He also works efficiently in a team.

We wish him a great success in the future.

That Particular of project trainee internship details are given below:

| Student Roll No. | Student Name |
|------------------|--------------------|
| 1752020 | Subhojit Mukherjee |

PROJECT TITLE: billientaccount.com

J S TECHNO SOLUTIONS PVT. LTD.

Joy
17/08/2020

STAMP & SIGNATURE

Certificate of Training

TAMANNA CHAKRABORTY

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Web Development** from 20th April, 2020 to 1st June, 2020. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. We wish TAMANNA all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-26

Certificate no.: 916ED53F-263A-4952D879-643009C2798

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

Certificate of Training

Tannu Singh

from **Heritage Institute of Technology, Kolkata** has successfully completed a six weeks online training on **Programming with Python** from 29th April, 2020 to 10th June, 2020. 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 and Application of Python in Various Disciplines modules. In the final assessment, Tannu scored 70% marks. We wish Tannu all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-09

Certificate no.: 511D67D4-8B6F-EC2C-0B0E-EF7CD3F48C48

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

Certificate of Training

SUBHADIP DANDAPAT

from **Heritage Institute Of Technology** has successfully completed a eight weeks online training on **Programming with C and C++**. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. We wish SUBHADIP all the best for the future.


Sarvesh Agrawal
Founder & CEO Internshala

Date of certificate: 2020-06-22 Certificate no.: 202024C-92A-F34C-C093-42381C83A17
For certificate authentication, please visit https://training.internshala.com/verify_certificate

Certificate of Training

Ankit Kumar Sharma

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Programming with C and C++** from 18th April, 2020 to 30th May, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, Ankit Kumar scored 87% marks. We wish Ankit Kumar all the best for the future.


Sarvesh Agrawal
Founder & CEO Internshala

Date of certificate: 2020-06-09 Certificate no.: 90747F28-77A1-F0819-2984-718FA36A82E7
For certificate authentication, please visit https://training.internshala.com/verify_certificate

INTERNSHALA TRAININGS

Certificate of Training

Dilshad Alam

from **Heritage Institute of Technology, Kolkata** has successfully completed a six weeks online training on **Web Development** from 22nd April, 2020 to 3rd June, 2020. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. In the final assessment, Dilshad scored 80% marks. We wish Dilshad all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-13

Certificate no.: D3839673-E887-F9DC-D8A7-EC59304A88A2



In Collaboration with



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. **Debatra Chatterjee**, has successfully completed the summer internship at **SmartBridge Educational Services Private Limited** from **04/30/2020 to 05/30/2020**

During this period he/she had earned the concepts of **Machine Learning Engineer** and worked under the supervision of project mentor & developed the project entitled **"Intelligent Customer Help Desk with Smart Document Understanding"**.

He/she was found hardworking, punctual and inquisitive, during the tenure of internship.

We wish him/her every success in career.



Jayaprekash. Ch
Program Manager

June 04, 2020
Issued on

Powered by
Smart Internz
www.smartinternz.com

SB ID: SB20200001246

Authenticity of this certificate can be validated by going to:
<https://smartinternz.com/internships/certificates/666587afda6a89aec274a36f7658a27>

Certificate of Training

Tejas Rohi

from **Heritage Institute of Technology** has successfully completed a eight weeks online training on **Programming with C and C++** from 19th April, 2020 to 14th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, Tejas scored 89% marks. We wish Tejas all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-04-05 Certificate no.: 9258C0E8-F01D-5580-R70R-15754DCAA001
For certificate authentication, please visit http://trainings.internshala.com/verify_certificate

Certificate of Training

Abhilasha Rani

from **Heritage Institute Of Technology** has successfully completed a eight weeks online training on **Programming with C and C++** from 18th April, 2020 to 13th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Abhilasha scored 100% marks in the final assessment and is a top performer in the training. We wish Abhilasha all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-04-06 Certificate no.: 927128F-9860-3096-RC724088DFFACE40
For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

Certificate of Training

Akhil Kumar

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Programming with C and C++** from 18th April, 2020 to 30th May, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Akhil scored 98% marks in the final assessment and is a top performer in the training. We wish Akhil all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-03

Certificate no.: DADA6F3-0A0889BD-EE7C2703B124034F

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

MAVER
SILICON

CERTIFICATE OF COMPLETION

This is to certify that
Aman Deep
has successfully completed
VLSI Design Methodologies
Online course, with a score of 78%,
on 1st day of April 2020



MSCID : 012910023

SIVAKUMAR P.R
CEO, MAVER SILICON

Certificate of Training

Ankit Kumar

from **Heritage Institute of Technology, Kolkata** has successfully completed six weeks online training on **Programming with C and C++** from 18th April, 2020 to 30th May, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules.

We wish Ankit all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-30

Certificate no.: D70997DP-1E14-7243-849C-009498105200

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

Certificate of Training

Anuran Bose

from **THE HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA** has successfully completed six weeks online training on **Machine Learning** from 1st June, 2020 to 13th Jul, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, K-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. In the final assessment, Anuran scored 92% marks. We wish Anuran all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-14

Certificate no.: 1992B5A801C9-19D4CA4-802D448074

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



HRD:108:10004551

18-Jun-2019

TO WHOM IT MAY CONCERN

This is to certify that Mr. Aritra Basu, a 2nd year B.Tech. student of Heritage Institute of Technology, underwent Vocational Training in Budge Budge Generating Station of CESC Limited from 03-JUN-19 to 15-JUN-19.

During the period of training his conduct was good and progress was satisfactory.

A handwritten signature in black ink, appearing to be "S. M.", written over a horizontal line.

Sr. Manager

Tech Learning Solutions Pvt. Ltd.
E 2/A, Block - GP, Ruzena Building, 2nd Floor,
Salt Lake, Sector-V, Kolkata - 700093
Contact: (033-4062)141
info@techlearning.co.in
www.techlearning.co.in



Date: 1st July, 2020

Ref No: ONINST00090

PROJECT COMPLETION CERTIFICATE

This is to certify that **Geetanjali Aich** pursuing **BCE (3rd Year)** from **Heritage Institute of Technology** has completed Project titled "**Web Browser**" after completion of the Course: **Python Programming Language** during **Mywbut Online Summer Training 2020 Program**.

This Project was checked and verified by the faculty and it was an good implementation of the technology used.

Chandrakant Prasad
Director

INTERNSHALA TRAININGS

Certificate of Training

Sristi Dwivedi

from **Heritage Institute of Technology, Kolkata** has successfully completed a six weeks online training on

Web Development from 22nd April, 2020 to 3rd June, 2020. The training consisted of HTML & CSS,

Bootstrap, SQL and PHP modules. We wish Sristi all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-11

Certificate no.: 1888943-1431-8881-7814-86540481420

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

Certificate of Training

Rahit Saha

from **Heritage Institute of Technology** has successfully completed a eight weeks online training on **Ethical Hacking** from 5th May, 2020 to 30th June, 2020. In the training, Rahit learned Basics of Information Security, Computer Networking and Web Development, Information Gathering and VAPT of some important vulnerabilities in the OWASP top 10, Automating VAPT, and Documenting and Reporting Vulnerabilities. We wish Rahit all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-31

Certificate no. : 7D934C13-B438-FA02-81EC-8967512A1873

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

Certificate of Training

Sayak Das Chowdhury

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Web Development** from 24th April, 2020 to 5th June, 2020. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. In the final assessment, Sayak scored 51% marks. We wish Sayak all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-04

Certificate no. : ADA2FP4-8885-41D4-328C-21E833D71D00

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

Certificate of Training

Rajarshi Dey

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Programming with C and C++** from 18th April, 2020 to 30th May, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, Rajarshi scored 85% marks. We wish Rajarshi all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-30

Certificate no. : 65AA640D-475A-B134-99D6-ABDB345D1ADD

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

Certificate of Training

Nikhil Kumar,

student of Heritage Institute of Technology, has successfully completed a eight weeks online training on **Programming with C and C++**. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, Nikhil scored 63% marks. We wish Nikhil all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-14

Certificate no. : 49263C81-1A02-44DC-9E20-41F27165R0C4

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

Certificate of Training

Pramita Banerjee,

student of Heritage Institute of Technology Kolkata, has successfully completed a eight weeks online training on Programming with C and C++ from 19th April, 2020 to 14th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Pramita scored 91% marks in the final assessment and is a top performer in the training. We wish Pramita all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-11

Certificate no.: 1428E66F9C45-8F93-DFF4-B17A9D86C69


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



**EASTERN RAILWAY
ELECTRICAL DEPARTMENT (TRACTION DISTRIBUTION UNIT)
HOWRAH DIVISION**

This is to certify that Mr. Aritra Basu son of Mr. Arijit Basu is a student of Heritage Institute of Technology, Kolkata, pursuing B.Tech(ECE), has successfully completed Industrial Training of four(04) weeks from 04.06.2019 to 01.07.2019 in Electrical Department (Eastern Railway) under Sr.DEE/TRD/HWH in SCADA system, Switch Gear & Protection.

Performance of Mr. Aritra Basu during the said training period was satisfactory.


(N.S.Aich)
Sr. Divl. Electrical Engineer (TRD)
Eastern Railway/Howrah

Certificate of Training

Reebhu Goswami

from **Heritage Institute of Technology** has successfully completed a eight weeks online training on **Programming with C and C++** from 18th April, 2020 to 13th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, Reebhu scored 81% marks. We wish Reebhu all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-25

Certificate no. : 3F66F552-FDA5-F939-5380-19209545DF2B

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

Certificate of Training

Divyanshu Verma

from **HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA** has successfully completed a eight weeks online training on **Programming with C and C++** from 18th April, 2020 to 13th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, Divyanshu scored 74% marks. We wish Divyanshu all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-25

Certificate no. : ECE54C35-E1FC-7295-C722-5773D718598E

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

Certificate of Training

Rohan Nandy,

student of Heritage Institute of Technology, has successfully completed a eight weeks online training on **Programming with C and C++** from 18th April, 2020 to 13th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Rohan scored 100% marks in the final assessment and is a top performer in the training. We wish Rohan all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-31

Certificate no.: 3F7097DD-E482-548C-9432-99E84588D400

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

Certificate of Training

Saket Kumar

from **Heritage Institute of Technology** has successfully completed a eight weeks online training on **Programming with C and C++** from 18th April, 2020 to 13th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Saket scored 97% marks in the final assessment and is a top performer in the training. We wish Saket all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-29

Certificate no.: 77789E06-6833-EA69-7D10-CA0A39C1F5E5

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





Certificate of Training

Sudeep Singh,

student of Heritage Institute Of Technology, has successfully completed a six weeks online training on **Core Java**. The training consisted of Getting Started with Java, Leveraging Basic Concepts, Object Oriented Programming and Java App Development modules. Sudeep scored 93% marks in the final assessment and is a top performer in the training. We wish Sudeep all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-11-05

Certificate no.: 3469300-9724-8034-042600CC5D1133F7

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

Certificate of Training

Sudip Bandyopadhyay

from **Heritage Institute of Technology** has successfully completed a eight weeks online training on **Programming with C and C++** from 18th April, 2020 to 13th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Sudip scored 100% marks in the final assessment and is a top performer in the training. We wish Sudip all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-31

Certificate no.: AB7EC905-94E4-4D71-E7D7-449EA96CA76F

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

Certificate of Training

Diwakar Yadav

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Data Science** from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. Diwakar scored 100% marks in the final assessment and is a top performer in the training. We wish Diwakar all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-04-21

Certificate no.: 36F0C217-3CBA-42CC-F02F-21679A7D63AF

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

Certificate of Training

Supriya Maji

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Programming with C and C++** from 18th April, 2020 to 30th May, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Supriya scored 100% marks in the final assessment and is a top performer in the training. We wish Supriya all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-04-04

Certificate no.: F34237C1-93A0-1E76-FE2F-7AE3E993D53C

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



CERTIFICATE OF TRAINING
Android App Development

Saptarshi Roy Chowdhury from **Heritage Institute of Technology** has successfully undergone a six weeks online winter training on **Android App Development**. The training program consisted of Introduction to Android, World of Kotlin, Android Kick-Off, Higher Order Functionalities and The Final Project modules and lasted for six weeks from 15th January, 2020 to 26th February, 2020.:

In the final assessment at the completion of the training program, Saptarshi scored 79% marks.

We wish Saptarshi all the best for future endeavours.:

Sarvesh Agrawal
Founder & CEO

Date of certification: 2020-03-31

Certificate Number : 59268B19-86C1-A84A-1653-C1C8150C144F

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



Certificate of Training

Anand Raj

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Programming with C and C++** from 18th April, 2020 to 30th May, 2020. The training consisted of: Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules.:

Anand scored 100% marks in the final assessment and is a top performer in the training. We wish Anand

all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-11

Certificate No. : 8226306-239-C7D5-10DC-A22030C7A4D9

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

Certificate of Training

Shreeparna Debnath

from **Heritage Institute Of Technology, Kolkata** has successfully completed a eight weeks online training on **Programming with C and C++** from 19th April, 2020 to 14th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, Shreeparna scored 82% marks. We wish Shreeparna all the best for the future.


Sarvesh Agrawal
founder & CEO Internshala

Date of certification: 2020-06-20

Certificate no.: CD78FD3-EC72-746540D-908335869A

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

Certificate of Training

Alankrit Verma

from **Heritage Institute of technology** has successfully completed a six weeks online training on **Programming with C and C++** from 1st May, 2020 to 12th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. We wish Alankrit all the best for the future.


Sarvesh Agrawal
founder & CEO Internshala

Date of certification: 2020-06-25

Certificate no.: 481C7314-025-7373-4030-028800628100

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

Certificate of Training

Supam Das,

student of Heritage Institute of Technology, has successfully completed a six weeks online training on **Core Java**. The training consisted of Getting Started with Java, Leveraging Basic Concepts, Object Oriented Programming and Java App Development modules. Supam scored 100% marks in the final assessment and is a top performer in the training. We wish Supam all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-09-25

Certificate no.: E402D514-6685-D105-1080-D8C2CBF91BF6

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

Certificate of Training

Premlata Bhandari

from **Heritage Institute of Technology, Kolkata** has successfully completed a six weeks online training on **Data Science** from 29th April, 2020 to 10th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. We wish Premlata all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-17

Certificate no.: 81246F43-6EE5-124F-4721-8CF226539934

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

Certificate of Training

Aditya Mitra

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Programming with Python** from 29th April, 2020 to 10th June, 2020. 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 and Application of Python in Various Disciplines modules. In the final assessment, Aditya scored 87% marks. We wish Aditya all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-31

Certificate no.: 5338A17-7F5A-7FA1-8556-F1271384081

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

Certificates of Industrial Training Report:



Certificate of Training

Abhijeet Kumar

from **Heritage Institute of Technology, Kolkata** has successfully completed a six weeks online training on **Programming with Python** from 7th April, 2020 to 19th May, 2020. 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 and Application of Python in Various Disciplines modules. Abhijeet scored 98% marks in the final assessment and is a top performer in the training. We wish Abhijeet all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-16

Certificate no. : 8730879C-108E-48CB-46CD-F3F3C894C2E7

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



Tech Learning
Solutions Pvt Ltd

Training-cum-Internship Certificate

This is to certify that

Anamitra Bose

of **Heritage Institute of Technology**

studying in **ECE, 3rd Year**

has successfully completed **4 (four) weeks**

Training-cum-Internship Program on

Python Programming Language

Awarded on: 27th May, 2020

Certificate No: ONLNST200064



Certificate No. CCL/QMS/70906/TLSP

Prasad

CHANDRAKANT PRASAD
Director, Tech Learning Solutions Pvt Ltd

Organised by:



To Whom It May Concern

This is to certify that ARNAB NANDY, a student of HERITAGE INSTITUTE OF TECHNOLOGY has successfully completed the Internship Program with ARDENT COMPUTECH PVT LTD on DATA SCIENCE AND MACHINE LEARNING USING PYTHON & implemented Project FRAUD INSURANCE-CLAIM DETECTION from 01/May/2020 to 01/Jun/2020.

During the internship period, we found the overall performance & conduct was good in all the projects which has been assigned. ARNAB NANDY was also punctual & hardworking.

Best wishes from ARDENT Computech Pvt Ltd.

Thanks & Regards
Indranil De Sarkar
Digitally Signed on 103.88.217.195-200722021345

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT LTD

Date: 01/Jun/2020



To Whom It May Concern

This is to certify that SHIVAM KUMAR, a student of HERITAGE INSTITUTE OF TECHNOLOGY has successfully completed the Internship Program with ARDENT COMPUTECH PVT LTD on DATA SCIENCE AND MACHINE LEARNING USING PYTHON & implemented Project CREDIT CARD FRAUD DETECTION ANALYSIS from 01/May/2020 to 01/Jun/2020.

During the internship period, we found the overall performance & conduct was good in all the projects which has been assigned. SHIVAM KUMAR was also punctual & hardworking.

Best wishes from ARDENT Computech Pvt Ltd.

Thanks & Regards
Indranil De Sarkar
Digitally Signed on 59.90.52.128-200724010929

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT LTD

Date: 01/Jun/2020





CERTIFICATE

This is to certify that this proposal of minor project entitled “**OUTBREAK PREDICTION OF COVID-19**” is a record of bonafide work, carried out by *Arpan Das, Archisman Dey, Swapnanil Das, Souvik Sarkar* under my guidance at **ARDENT ENTERPRISE**. In my opinion, the report in its present form is in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** and as per regulations of the **ARDENT ENTERPRISE®**. To the best of my knowledge, the results embodied in this report, are original in nature and worthy of incorporation in the present version of the report.

Guide / Supervisor

MR. MAHENDRA DUTTA

Project Engineer

Ardent Enterprise

ONLINE TRAINING ON DATA SCIENCE AT INTERNSHALA

REPORT

Submitted by

AVINABA SAHA

4th Year

Roll Number : 1752198

University Roll Number : 12617003055

Department : Electronics and Communication Engineering

Section : C



HERITAGE INSTITUTE OF TECHNOLOGY



RKYPGNB433-2020-1188036

ADVANCED LEVEL TELECOM TRAINING CENTRE (ALTC), GHAZIABAD
(UNO'S ITU CENTRE OF EXCELLENCE)

APEX TRAINING INSTITUTE OF BSNL(A GOVT. OF INDIA ENTERPRISE)

A Joint Venture Of International Telecommunication Union, Geneva, UNDP And The Government Of India In 1975

CERTIFICATE

This is to Certify that Mr./Ms.

SOUVIK SARKAR

has successfully completed live interactive online training

VOCATIONAL TRAINING ON ELECTRONICS & COMMUNICATION

with effect from 27/7/2020 TO 7/8/2020

at NSCBTTC KALYANI

We wish him/her all the best for a bright future.

7/8/2020

DATE

Chief General Manager
(ALTC)



Certificate of Training

Aman Kumar

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Web Development** from 20th June, 2020 to 1st August, 2020. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. We wish Aman all the best for the future.

A handwritten signature in black ink, appearing to read 'Sarvesh'.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-30

Certificate no. : B214D70A-DE0A-A640-9270-10689123293C

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



Hewlett Packard Enterprise

CERTIFICATE

This is to certify that this proposal of minor project entitled “**COVID-19 PANDEMIC: ANALYSIS AND FORECASTING FOR INDIA**” is a record of bonafide work, carried out by *Udyaditya Parmar* under my guidance at **HEWLETT PACKARD ENTERPRISE**. In my opinion, the report in its present form is in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** and as per regulations of the **HEWLETT PACKARD ENTERPRISE®**. To the best of my knowledge, the results embodied in this report, are original in nature and worthy of incorporation in the present version of the report.

Guide / Supervisor

MR. MAHENDRA DATTA

Project Engineer
Hewlett Packard Enterprise



Certificate of Training

AVINABA SAHA

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Data Science** from 29th April, 2020 to 10th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. We wish AVINABA all the best for the future.

A handwritten signature in black ink, appearing to read 'Sarvesh'.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-05

Certificate no.: 884838F9-E378-57A7-871B-2A6FD77EF52A

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

To Whom It May Concern

This is to certify that PRAGYADIPTA ADHYA, a student of HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA has successfully completed the Internship Program with ARDENT COMPUTECH PVT LTD on DATA SCIENCE AND MACHINE LEARNING USING PYTHON & implemented Project FRAUD INSURANCE-CLAIM DETECTION from 01/May/2020 to 01/Jun/2020.

During the internship period, we found the overall performance & conduct was good in all the projects which has been assigned. PRAGYADIPTA ADHYA was also punctual & hardworking.

Best wishes from ARDENT Computech Pvt Ltd.

Thanks & Regards
Indranil De Sarkar
Digitally Signed on 47 11 294 44-200722021715

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT LTD

Date: 01/Jun/2020





Microsoft
Technology Associate



Certificate of
Competency Program
Certificate ID: ARDENT/2020/843
Date of Achievement: 2020-06-01

Director
Technology Services



Director
Operation

Online Industrial Training Certificate

Awarded To
Archisman Dey

of
Heritage Institute of Technology

for successfully completing the Industrial Training on

Data Science and Machine Learning using Python

from **01/May/2020 to 01/Jun/2020**

and implementing the project titled

Coronavirus Outbreak Prediction

To verify the genuinity of this certificate visit www.ardentcollaborations.com or email to hr@ardentcollaborations.com

CERTIFICATE



INTERNSHALA TRAININGS

Certificate of Training

Saurabh Kumar,

student of Heritage Institute of Technology, has successfully completed a six weeks online training on **Programming with Python** from 24th April, 2020 to 5th June, 2020. The training consisted of Introduction to Python, Using Variables in Python, Basics of Programming in Python, Principles of Object-oriented Programming (OOP), Connecting to SQL Lite Database, Developing a GUI with PyQt and Application of Python in Various Disciplines modules. We wish Saurabh all the best for the future.


Sarvesh Agrawal
Founder & CEO Internshala

Date of certification: 26/06/20

Certificate ID: 17211A-4497C5A3F56AF-116681B37E

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

Certificate

This is to certify that **Harsh Kaloya**, student of BTech in Electronics and communication engineering offrom Heritage Institute of Technology, Kolkata ,West Bengal has successfully completed her vocational training at TATA STEEL, JAMSHEDPUR under our guidance and successfully completed a project report on

- Mask detection using Jupyter notebook.

The duration of training was from 1stMAY '2020 to 29th MAY '2020.

Project Guide,
Satish Agarwal
Sr. Analyst, One IT
TATA STEEL
JAMSHEDPUR



Confirmation of Course Completion

Date: 15th August 2020

Course Completion Date: 15th August 2020

To whom it may concern,

This letter serves to confirm that:

Mukesh Kumar

has successfully completed all required elements (learning outcomes, assignments and projects) of the following online course:

Project Management (Short Course)

The candidate was assessed through a series of written assignments/projects in English.

If you have any further questions, please do not hesitate to contact me.

Yours sincerely,

A handwritten signature in cursive script that reads 'Irfan Raja'.

Dr. Irfan Raja
Director - Learning

REGISTRATION NUMBER
641937

This certificate remains the property of eLearning College and must
not in any circumstances be altered or otherwise defaced.

LETTER NUMBER
LC90173



Certificate of Training

JYOTI PROKASH CHAKRABORTY

From HERITAGE INSTITUTE OF TECHNOLOGY has successfully completed a six weeks online training on Programming with C and C++ from 28th May, 2020 to 9th July, 2020. The training consisted of Getting Started With Programming in C, Diving into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, JYOTI PROKASH scored 43% marks. We wish JYOTI PROKASH all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certificate is 2020-06-22

Certificate no. FEMATE-PIU-DIGI-AD 0-8E2088R0265

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



Tech Learning
Solutions Pvt Ltd

Training-cum-Internship Certificate

This is to certify that

Akanksha Bose

of **Heritage Institute of Technology**

studying in **ECE, 3rd Year**

has successfully completed **4 (four) weeks**

Training-cum-Internship Program on

Python Programming Language

Awarded on: 27th May, 2020

Certificate No: ONLNST200041



Certificate No. CCL/QMS/70906/TLSP

Prasaf

CHANDRAKANT PRASAD
Director, Tech Learning Solutions Pvt Ltd

Organised by:



Tech Learning Solutions Pvt. Ltd.
E 2/4, Block - GP, Netguru Building, 2nd Floor,
Salt Lake, Sector-V, Kolkata – 700091
Contact - 033-40623141
info@techlearning.co.in
www.techlearning.co.in



Date: **1st July, 2020**

Ref No: **ONLNST200041**

PROJECT COMPLETION CERTIFICATE

This is to certify that **Akanksha Bose** pursuing **ECE (3rd Year)** from **Heritage Institute of Technology** has completed Project titled "**Quiz App**" after completion of the Course **Python Programming Language** during **Mywbut Online Summer Training 2020** Program.

This Project was checked and verified by the faculty and it was an good implementation of the technology used.

A handwritten signature in blue ink that reads "Prasad" is positioned to the left of a circular official stamp.

Chandrakant Prasad

Director

Project Letter



Certificate of Training

Srinjoy Bhattacharyya

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Programming with Python** from 18th April, 2020 to 30th May, 2020. 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 and Application of Python in Various Disciplines modules. In the final assessment, Srinjoy scored 67% marks. We wish Srinjoy all the best for the future.

A handwritten signature in black ink, appearing to read 'Sarvesh'.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-19

Certificate no. | 6C741660-698D-7879-ECDC-DFD31ADA2D9C

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

Certificate of Training

Rahul Kumar

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Web Development** from 20th June, 2020 to 1st August, 2020. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. We wish Rahul all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-30

Certificate no. : 73AF4B38-4134-1C75-8C18-91708864CFD0

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



Certificate of Training

Shubham Kumar

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Programming with C and C++** from 29th April, 2020 to 10th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules.

We wish Shubham all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-23

Certificate no.: 78AEC78E-A915-9C72-AED4-A283C26A46

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



CERTIFICATE FROM SUPERVISOR

This is to certify that this proposal of minor project entitled “**Fraud Insurance Claim Detection**” is a record of bonafide work, carried out by *Pragyadipta Adhya, Arnab Nandy and Chandan Sarkar* under my guidance at **ARDENT COMPUTECH**. In my opinion, the report in its present form is in partial fulfilment of the requirements for the award of the degree off **BACHELOR OF TECHNOLOGY** and as per regulations of the **ARDENT COMPUTECH®** . To the best of my knowledge, the results embodied in this report, are original in nature and worthy of incorporation in the present version of the report.

Guide / Supervisor

A handwritten signature in green ink, appearing to read 'M. Mahendra Dutta', is displayed within a grey rectangular box.

MR. MAHENDRA DUTTA

Project Engineer

To Whom It May Concern

This is to certify that SURENDRA KUMAR YADAV, a student of HERITAGE INSTITUTE OF TECHNOLOGY has successfully completed the Internship Program with ARDENT COMPUTECH PVT LTD on DATA SCIENCE AND MACHINE LEARNING USING PYTHON & implemented Project CREDIT CARD FRAUD DETECTION ANALYSIS from 01/May/2020 to 01/Jun/2020.

During the internship period, we found the overall performance & conduct was good in all the projects which has been assigned. SURENDRA KUMAR YADAV was also punctual & hardworking.

Best wishes from ARDENT Computech Pvt Ltd.

Thanks & Regards
Indranil De Sarkar
Digitally Signed on 47.9.250.193-200722024624

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT LTD

Date: 01/Jun/2020





WebTek Labs Pvt. Ltd.

Dated: 24th Nov'2020

To Whom It May Concern

Subject: Training Internship Letter

This is to certify that **Mr. ARITRA AICH** , student of Heritage Institute of Technology , 994 Madurdaha, chowbaga road, P.O- East Kolkata township, Kolkata: 700107, Semester-6th , roll no - 1752219 ,Stream-ECE , has registered in **WebTek Labs Pvt. Ltd.** and successfully completed Career Education Training on '**INTERNET OF THINGS (IOT)** ' from **27th DEC'2019 to 5th FEB'2020** .

During the period of his training internship , he was found sincere , hardworking , technically sound and inquisitive .

Wish him all the best for his career .

WEBTEK
LABS

Sincere



Training & Career Education
WebTek Labs Pvt. Ltd.
Kolkata.

CIN No. : U74899WB2001PTC184855

Registered Office: 4, Lee Road, Vaibhav 5F, Kolkata - 700 020, Tel : +91-33-3051 5400
Branch: Salt Lake (Kolkata), Chandigarh, Delhi, Hyderabad, Andaman & Nicobar Islands
E-mail: info@webteklabs.com | **Website:** www.webteklabs.com



Certificate of Training

ARGHYA KUMAR GHOSH

from HERITAGE INSTITUTE OF TECHNOLOGY has successfully completed a six weeks online training on **Programming with C and C++** from 1st May, 2020 to 12th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, ARGHYA KUMAR scored 37% marks. We wish ARGHYA KUMAR all the best for the future.

A handwritten signature in black ink, appearing to read 'Sarvesh'.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-22

Certificate no.: 8DCBD09D-149D-8E8A-57BF-4862AADCE192

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

Certificate of Training

Abhigyan Prakash Jha,

student of Heritage Institute Of Technology, has successfully completed a six weeks online training on **Machine Learning**. The training consisted of Introduction to Machine Learning, Data, Introduction to Python, Data Exploration and Pre-processing, Linear Regression, Introduction to Dimensionality Reduction, Logistic Regression, Decision Tree, Ensemble Models and Clustering (Unsupervised Learning) modules. In the final assessment, Abhigyan Prakash scored 68% marks. We wish Abhigyan Prakash all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-10-08

Certificate no.: 0FF06DFD-7167-CF85-DS17-815720646187

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



INTERNSHALA TRAININGS

Certificate of Training

ATANU MASANTA

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Machine Learning** from 5th May, 2020 to 16th June, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. In the final assessment, ATANU scored 87% marks. We wish ATANU all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-25

Certificate no.: A718C18D-19AA-E0E5-F59B-74D0788780D4

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



Certificate of Training

Krishna Ashok

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Machine Learning** from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. Krishna scored 99% marks in the final assessment and is a top performer in the training. We wish Krishna all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-18

Certificate no.: 11580EC8-2158-20CF-7D20-0378A14EF225

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



Prashikshan -2020



SHAVAK NANAVATI TECHNICAL INSTITUTE

An ISO 9001:2015 Organization

CERTIFICATE

This is to certify that Harsh Kaloya (Reg. No. VT20202216)
Student of HERITAGE INSTITUTE OF TECHNOLOGY
has undergone Vocational Training Program at Tata Steel Ltd., Jamshedpur from
01-May ,2020 to 29-May ,2020. The details of the programme are as under:

| | |
|--------------------|------------------------|
| Department Covered | ANALYTICS |
| Project Title | IMAGE ANALYTICS AT NBM |

He/She has successfully completed the Programme

Ammi Kumari

Place : Jamshedpur
Date : 06-07-2020
Ref No : VT20202216

Coordinator
Vocational Training
Tata Steel Ltd

SHAVAK NANAVATI TECHNICAL INSTITUTE, TATA STEEL LTD, N-ROAD, BISTUPUR, JAMSHEDPUR – 831001,
Telephone: 91-657-2320243, Fax: 91-657-2320243, E-mail- snit.office@tatasteel.com

Certificate of Training

Suryatapa Sarkar

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Machine Learning** from 13th May, 2020 to 24th June, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. Suryatapa scored 100% marks in the final assessment and is a top performer in the training. We wish Suryatapa all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-06

Certificate no.: 06623AE3-9915-55F9-76F6-57F2B863D841

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

Date: 06-07-2020

Name of the Student: AALOK RANJAN TIWARI,SHIVANI SINGH,SURENDRA YADAV,SHIVAM KUMAR.

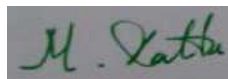
Signature of the student:



CERTIFICATE

This is to certify that this proposal of minor project entitled “**CREDIT CARD FRAUD DETECTION ANALYSIS**” is a record of bonafide work, carried out by **ALOK RANJAN TIWARI, SHIVANI SINGH, SURENDRA YADAV, and SHIVAM KUMAR** under my guidance at **ARDENT COMPUTECH PVT LTD.** In my opinion, the report in its present form is in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** and as per regulations of the **ARDENT COMPUTECH PRIVATE LIMITED.** To the best of my knowledge, the results embodied in this report, are original in nature and worthy of incorporation in the present version of the report.

Guide / Supervisor



M. Katta

MR. MAHENDRA DATTA

CERTIFICATES:



ARDENT
COMPUTECH PVT. LTD.
High-End Technology Training and Project

ASD
Skills for Employment

CERTIFIED
ISO
9001:2015
COMPLIANT

Microsoft
Technology Associate

Microsoft
Delivery
Partner

Certificate of
Competency Program
Certificate ID: ARDENT2020703
Date of Achievement: 2020-06-02

Director
Technology Services

Online Industrial Training Certificate

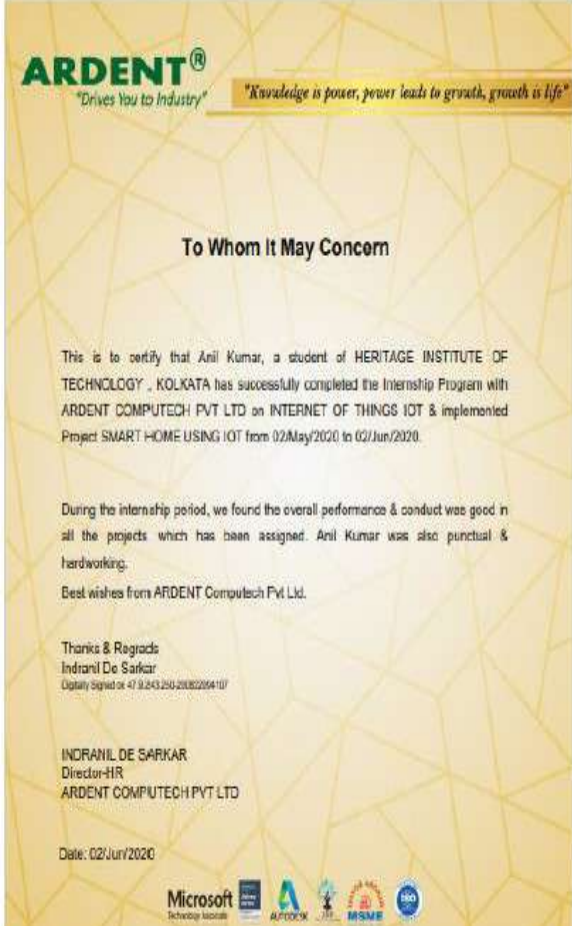
Awarded To
Anil Kumar

of
heritage institute of technology , kolkata

for successfully completing the Industrial Training on
Internet of Things IoT
from 02/May/2020 to 02/Jun/2020
and implementing the project titled
Smart home using IoT

Director
Operation

To verify the genuinity of this certificate visit www.ardentcollaborations.com or email to hr@ardentcollaborations.com



ARDENT[®]
"Drives You to Industry" "Knowledge is power, power leads to growth, growth is life"

To Whom it May Concern

This is to certify that Anil Kumar, a student of HERITAGE INSTITUTE OF TECHNOLOGY , KOLKATA has successfully completed the Internship Program with ARDENT COMPUTECH PVT LTD on INTERNET OF THINGS IOT & implemented Project SMART HOME USING IOT from 02/May/2020 to 02/Jun/2020.

During the internship period, we found the overall performance & conduct was good in all the projects which has been assigned. Anil Kumar was also punctual & hardworking.

Best wishes from ARDENT Computech Pvt Ltd.

Thanks & Regards
Indranil De Sarkar
Digitally signed by 47.9.24.93.256.202002205410

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT LTD

Date: 02/Jun/2020

Microsoft
Technology Associate

ALTRONIX

MSME

ISO

Certificate of Training

Mouli Guha

from Heritage Institute Of Technology has successfully completed a eight weeks online training on **Programming with C and C++** from 1st May, 2020 to 26th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Mouli scored 96% marks in the final assessment and is a top performer in the training. We wish Mouli all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-22

Certificate no. : 2344AEC8-0358-6250-7DAF-4A087E62AD21

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

Certificate



Certificate



Certificate



Certificate

VLSI Design Engineer

This certificate is awarded to Mr. ABHISHEK ROY for
successfully completing the Training/Internship Program entitled **Virtual
Training Program - Basic** of 130 hours duration (65 Lecture Hours + 65
Laboratory Hours) conducted from 18th May, 2020 to 12th June, 2020



Mrinal Das

Mr. Mrinal Das

(Founder, Electronic Center of Excellence)



Date of Issue: **20th JUNE, 2020**

C. N.: **ECOE-2020-VTPL1-001-04**

This certificate can be verified by writing to the below address by mentioning the certificate number and date of issue.

ELECTRONICS CENTER OF EXCELLENCE (e-COE)

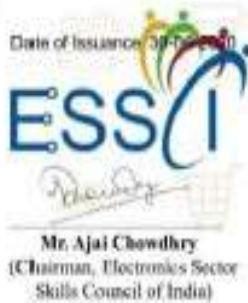
DCB-621, DLF Cybercity, Bhuvaneshwar, Odisha, INDIA-751024

e-mail us at: ecoe.dbs@gmail.com, Mob: +91-9073113709



Certificate

This is to certify that
Mr Abhishek Roy S/O Bablu Roy
has successfully completed training for the role of
VLSI Design Engineer (QP No. - ELE/Q1201)
conforming to National Skill Qualifications Framework Level-5



Issued by: **Mr. Mrinal Das**
Institution Name: **Electronic Center of Excellence, BBSR**
Signature: *Mrinal Das*



(253)69070467044850000102582
www.nsdindia.org/pssecure



Certificate of Training

Navneet Kumar

has successfully completed a eight weeks online training on **Programming with C and C++** from 26th April, 2020 to 21st June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Navneet scored 98% marks in the final assessment and is a top performer in the training. We wish Navneet all the best for the future.

A handwritten signature in black ink, appearing to read 'Sarvesh'.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-12 Certificate no.: 209A046C-6BEF-4591-F3BD-F47DC15C39E2

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

INTERNSHALA TRAININGS

Certificate of Training

Abhishek Kumar Saw

from **Heritage institute of technology, Kolkata** has successfully completed a six weeks online training on **Machine Learning** from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. Abhishek Kumar scored 99% marks in the final assessment and is a top performer in the training. We wish Abhishek Kumar all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-17

Certificate no.: ERC38C97-8E03-CDCA-2C08-AFF413E9D8E6

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



Certificate

VLSI Design Engineer

This certificate is awarded to Mr. BHASKAR DEBNATH for

successfully completing the Training/Internship Program entitled **Virtual**

Training Program - Basic of 130 hours duration (65 Lecture Hours + 65

Laboratory Hours) conducted from 18th May, 2020 to 12th June, 2020.



Date of issue: **20th JUNE, 2020**

C. N.: **ECOE-2020-VTPL1-001-11**

This certificate can be verified by writing to the below address by mentioning the certificate number and date of issue.

ELECTRONICS CENTER OF EXCELLENCE (e-COE)

DCB-62nd, DLP Cybercity, Bhubaneswar, Odisha, INDIA-751024

e-mail as at: ecoe@ecoe.co.in, Web: www.ecoe.co.in, MO: 991-707112700



Skill India
सक्षमता - सफलता



सर्वमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP



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Certificate

This is to certify that

Mr. Bhaia Debn ah S/O Tapn Debn ah
has successfully completed training for the role of
VLSI Design Engineer (QP No. - ELE/Q1201)
conforming to National Skill Qualification Framework Level -5

Date of Issuance: 20/06/2020

ESSCI

Chowdhry

Mr. Ajai Chowdhry
(Chairman, Electronics Sector
Skills Council of India)

Issued by: **Mr. Mrinal Das**
Institution Name: **Electronic Center of Excellence, BBSR**
Signature: *Mrinal Das*



(253)8907067044850002589
www.nskdcindia.org

AM102915

Certificate of Training

Shruti Shikha

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Programming with Python** from 18th April, 2020 to 30th May, 2020. 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 and Application of Python in Various Disciplines modules. Shruti scored 100% marks in the final assessment and is a top performer in the training. We wish Shruti all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-29

Certificate no.: 12A7561F-8891-054D-3987-D45C21CFAE6F

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

To Whom It May Concern

This is to certify that Shuvam Podder, a student of HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA has successfully completed the Internship Program with ARDENT COMPUTECH PVT LTD on INTERNET OF THINGS IOT & implemented Project HUMIDITY AND TEMPERATURE MONITORING USING ARDUINO WITH ESP8266 from 02/May/2020 to 02/Jun/2020.

During the Internship period, we found the overall performance & conduct was good in all the projects which has been assigned. Shuvam Podder was also punctual & hardworking.

Best wishes from ARDENT Computech Pvt Ltd.

Thanks & Regards
Indranil De Sarkar
Digitally Signed by #12812344020000000000

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT LTD

Date: 03/Jun/2020





Microsoft
Technology Associate



Certificate of
Competency Program
Certificate ID: ARDENT/2020/898
Date of Achievement: 2020-06-02

Director
Technology Services



Director
Operation

Online Industrial Training Certificate

Awarded To
Shuvam Podder

of
Heritage Institute Of Technology, Kolkata

for successfully completing the Industrial Training on
Internet of Things IoT

from 02/May/2020 to 02/Jun/2020

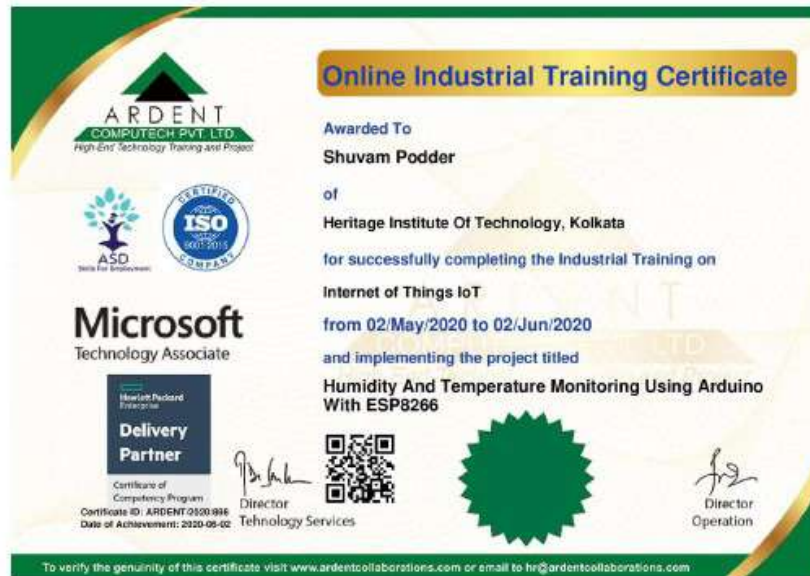
and implementing the project titled

**Humidity And Temperature Monitoring Using Arduino
With ESP8266**

To verify the genuinity of this certificate visit www.ardentcollaborations.com or email to hr@ardentcollaborations.com

CERTIFICATIONS

1. ONLINE INDUSTRIAL TRAINING CERTIFICATE



ARDENT COMPUTECH PVT. LTD.
High End Technology Training and Project

ASD Skills for Employment

ISO 9001:2015 CERTIFIED COMPANY

Microsoft
Technology Associate

Microsoft Pakistan
Enterprise
Delivery Partner

Certificate of Competency Program
Certificate ID: ARDENT20200996
Date of Achievement: 2020-06-02

[Signature]
Director
Technology Services

[Signature]
Director
Operation

Online Industrial Training Certificate

Awarded To
Shuvam Podder

of
Heritage Institute Of Technology, Kolkata

for successfully completing the Industrial Training on
Internet of Things IoT
from 02/May/2020 to 02/Jun/2020
and implementing the project titled
Humidity And Temperature Monitoring Using Arduino With ESP8266

To verify the genuinity of this certificate visit www.ardentcollaborations.com or email to hr@ardentcollaborations.com

2. INTERNSHIP COMPLETION CERTIFICATE



ARDENT®
"Drives You to Industry"

"Knowledge is power, power leads to growth, growth is life"

To Whom It May Concern

This is to certify that Shuvam Podder, a student of HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA has successfully completed the Internship Program with ARDENT COMPUTECH PVT LTD on INTERNET OF THINGS IOT & implemented Project HUMIDITY AND TEMPERATURE MONITORING USING ARDUINO WITH ESP8266 from 02/May/2020 to 02/Jun/2020.

During the internship period, we found the overall performance & conduct was good in all the projects which has been assigned. Shuvam Podder was also punctual & hardworking.

Best wishes from ARDENT Computech Pvt Ltd.

Thanks & Regards
Indranil De Sarkar
Digitaly Signed on 02.06.2020 11:23:40-200402091623

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT LTD

Date: 02/Jun/2020



Module No-132, Gr. Floor, SDF Building, Sector-V, Salt Lake, Kolkata-700091
www.ardentcollaborations.com

Certificate (ECOE)

| | |
|--|--------------------------------------|
|  | <h1>Certificate</h1> |
| <h3>VLSI Design Engineer</h3> | |
| This certificate is awarded to <u>Ms. BIDISHA PAL</u> for | |
| successfully completing the Training/Internship Program entitled Virtual | |
| Training Program - Basic of 130 hours duration (65 Lecture Hours + 65 | |
| Laboratory Hours) conducted from <u>18TH May, 2020</u> to <u>12TH June, 2020</u> . | |
|  Mr. Mrinal Das (Founder, Electronic Center of Excellence) | |
|  | |
| Date of Issue: 20TH JUNE, 2020 | C. N.: ECOE-2020-VTPL1-001-03 |
| <small>This certificate can be verified by writing to the below address by mentioning the certificate number and date of issue.</small> | |
| ELECTRONICS CENTER OF EXCELLENCE (e-COE) DCB-821, DLF Cybercity, Bhubaneswar, Odisha, INDIA-751024 e-mail us at: ecoe@bbsrigns.ac.in Mob: +91-7077113709 | |

Certificate (ESSCI)

| | | |
|--|--|--|
|  <p>Skill India सक्षमता का जागृत भारत</p> |  <p>सत्यमेव जयते GOVERNMENT OF INDIA MINISTRY OF SKILL DEVELOPMENT & ENTREPRENEURSHIP</p> |  <p>N-S-D-C National Skill Development Corporation transforming the skill landscape www.nsdindia.org</p> |
| <h2>Certificate</h2> | | |
| <p>This is to certify that Ms BidishaPal D/O Bikash ChandraPal has successfully completed training for the role of VLSI Design Engineer (QP No. - ELE/Q1201) conforming to National Skill Qualifications Framework Level-5</p> | | |
| <p>Date of Issuance: 30-09-2020</p>  <p>ESSCI</p>  <p>Mr. Ajai Choudhry (Chairman, Electronics Sector Skills Council of India)</p> | <p>Issued by: Mr. Mrinal Das Institution Name: Electronic Center of Excellence, BBSR Signature: <i>Mrinal Das</i></p> |  |
| <p>{253/88070467044850000102581 www.nsdindia.org/pbeecure</p> | | |

Certificate of Training

Mrinal Ghoshal,

student of Heritage Institute of Technology, has successfully completed a six weeks online training on **Data Science** from 26th April, 2020 to 7th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. We wish Mrinal all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-21

Certificate no. : 7752A9A8-4D6D-3DC3-867D-376C97891CD9

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

Certificate of Training

Inshal Aqumar

from **Heritage Institute of Technology, Kolkata** has successfully completed a six weeks online training on **Machine Learning** from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. Inshal scored 97% marks in the final assessment and is a top performer in the training. We wish Inshal all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-29

Certificate no.: 1A6A7318-4CB6-F82F-82E2-7E7967514CCC

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

Certificate of Completion



CERTIFICATES



Certificate

VLSI Design Engineer

This certificate is awarded to Mr. RITABAN DATTA for
successfully completing the Training/Internship Program entitled **Virtual
Training Program - Basic** of 130 hours duration (85 Lecture Hours + 85
Laboratory Hours) conducted from 18th May, 2020 to 12th June, 2020



Mrinal Das

Mr. Mrinal Das

(Founder, Electronic Center of Excellence)



Date of Issue: **26th JUNE, 2020**

C. No.: **ECOE-2020-VTPL1-001-02**

This certificate can be verified by writing to the below address by mentioning the certificate number and date of issue.

ELECTRONICS CENTER OF EXCELLENCE (e-COE)

DCB-821, DLF Cybercity, Bhudaneswar, Odisha - 751024

e-mail us at: ecoe@ecoeindia.org | Mob: +91 7077 115199



Certificate

This is to certify that
Mr Ritaban Datta S/O Soumyabrata Datta
has successfully completed training for the role of
VLSI Design Engineer (QP No. - ELE/Q1201)
conforming to National Skill Qualifications Framework Level-5



Issued by... **Mr. Mrinal Das**
Institution Name... **Electronic Center of Excellence, BBSR**
Signature... *Mrinal Das*



(253)89070467044850000102580
www.nsdindia.org/jbsecure

AN/163815

VLSI Design Engineer

This certificate is awarded to Mr. UDITANSHU BHATTACHARJEE for
successfully completing the Training/Internship Program entitled **Virtual
Training Program - Basic** of 130 hours duration (65 Lecture Hours + 65
Laboratory Hours) conducted from 18TH May, 2020 to 12TH June, 2020.



Mrinal Das

Mr. Mrinal Das

(Founder, Electronic Center of Excellence)



Date of Issue: **20ST JUNE, 2020**

C. N.: **ECOE-2020-VTPL1-001-10**

This certificate can be verified by writing to the below address by mentioning the certificate number and date of issue.

ELECTRONICS CENTER OF EXCELLENCE (e-COE)

ECB-621, DLF Cybercity, Bhubaneswar, Odisha, INDIA-751024

e-mail us at: ecoe1857@gmail.com, Mob. +91 7577113709



Certificate

This is to certify that
Mr Uditanshu Bhattacharjee S/O Anindya Bhattacharjee
has successfully completed training for the role of
VLSI Design Engineer (QP No. - ELE/Q1201)
conforming to National Skill Qualifications Framework Level-5



Issued by... Mr. Mrinal Das
Institution Name... Electronic Center of Excellence, BBSR
Signature... Mrinal Das



(253)89070467044950000102588
www.nsdindia.org/jpbsecure

NSD/ESSCI

ISSUED CERTIFICATES FROM TRAINING:



VLSI Design Engineer

This certificate is awarded to Mr. UDTIANSHU BHATTACHARJEE for successfully completing the Training/Internship Program entitled **Virtual Training Program - Basic** of 130 hours duration (65 Lecture Hours + 65 Laboratory Hours) conducted from 10th May, 2020 to 12th June, 2020.



Date of Issue: **20th JUNE, 2020**

C. N:- **ECOE-2020-VTPL1-001-10**

This certificate can be verified by visiting to the below address by mentioning the certificate number and date of issue.

ELECTRONICS CENTER OF EXCELLENCE (e-COE)
DCB-621, DLF Cybercity, Gurgaon, Haryana, INDIA-122024
e-mail: ecoe@ecoe.org - Web: www.ecoe.org

Certificate Issued by e-COE



Skill India
विद्यया ऽ मृतमश्नुते



सत्यमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP



N.S.D.C.
National
Skill Development
Corporation
Transforming the skill landscape
www.nskdindia.org

Certificate

This is to certify that

Mr Uditanshu Bhattacharjee S/O Anindya Bhattacharjee
has successfully completed training for the role of
VLSI Design Engineer (QP No. - ELE/Q1201)
conforming to National Skill Qualifications Framework Level-5

Date of Issuance: 31-12-2020



Mr. Ajai Choudhary

Mr. Ajai Choudhary
(Chairman, Electronics Sector
Skills Council of India)

Issued by: **Mr. Mrinal Das**

Institution Name: **Electronic Center of Excellence, BBSR**

Signature: *Mrinal Das*



(253)89070487044850000102588
www.nskdindia.org/pbsecure

1/1/18 2021

Certificate Issued by Government of India as a part of the training

Certificate of Successful Completion of Training



Certificate

VLSI Design Engineer

This certificate is awarded to Mr. UDITANSHU BHATTACHARJEE for successfully completing the Training/Internship Program entitled **Virtual Training Program - Basic** of 130 hours duration (65 Lecture Hours + 65 Laboratory Hours) conducted from 18th May, 2020 to 12th June, 2020



Mr. Mrinal Das
(Founder, Electronic Center of Excellence)

Date of Issue: **29th JUNE, 2020**

C. N.: **ECOE-2020-VTPL1-001-10**

(This certificate can be verified by writing to the below address by mentioning the certificate number and date of issue)

ELECTRONICS CENTER OF EXCELLENCE (e-COE)

DCB-B21, DLF Cybercity, Bhubaneswar, Odisha, INDIA-751024

e-mail us at: ecoe@ecoe.ac.in Mob: +91-707713709

(Mr. Mrinal Das also acted as the instructor of the program)

Certificate awarded by the Government of India



Skill India
Digital Skills - Digital India



सत्यमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP



N-S-D-C
National
Skill Development
Corporation
Transforming the skill landscape
www.nsdindia.org

Certificate

This is to certify that
Mr Uditanshu Bhattacharjee S/O Anindya Bhattacharjee
has successfully completed training for the role of
VLSI Design Engineer (QP No. - ELE/Q1201)
conforming to National Skill Qualifications Framework Level-5

Date of Issuance: 30-06-2020



ESSCI
Chairman

Mr. Ajai Chowdhry
(Chairman, Electronics Sector
Skills Council of India)

Issued by: **Mr. Mrinal Das**

Institution Name: **Electronic Center of Excellence, BBSR**

Signature: *Mrinal Das*



(253)89070487044850000102588
www.nsdindia.org/psecure

VLSI Design Engineer

This certificate is awarded to Mr. PRADEEPTO ADDYA for
successfully completing the Training/Internship Program entitled **Virtual
Training Program - Basic** of 130 hours duration (65 Lecture Hours + 65
Laboratory Hours) conducted from 18th May, 2020 to 12th June, 2020



Mr. Mrinal Das

(Founder, Electronic Center of Excellence)



Date of Issue: **20th JUNE, 2020**

C. N.: **ECOE-2020-VTPL1-001-08**

This certificate can be verified by writing to the below address by mentioning the certificate number and date of issue.

ELECTRONICS CENTER OF EXCELLENCE (e-GOE)

DCB-821, DLF Cybercity, Bhubaneswar, Odisha, INDIA-751004

e-mail us at ecoe.bbs@gmail.com | Mob: +91-7077113709



GOVERNMENT OF INDIA

Skill India

Skill Development



GOVERNMENT OF INDIA

MINISTRY OF SKILL DEVELOPMENT & ENTREPRENEURSHIP



N. S. D. C.

National Skill Development Corporation

Sustaining the Skill Landscape
www.nskdc.org

Certificate

This is to certify that

Mr Pradeep Adya S/D Tarun Adhya

has successfully completed training for the role of
WLSI Design Engineer (QP No. - ELE/CD12011)

conforming to National Skill Qualifications Framework Level-5

Date of Issuance: _____



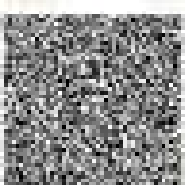
Mr. Ajai Choudhary
(Chairman, Executive Board
Skill Council of India)

Issued by: **Mr. Minimal Das**

Authorise Sign: **Electronic Center of Excellence, BSSSI**

Signature: _____

Minimal Das



02021010402 04453000102008
www.nskdc.org/issuance

ESSCI

Certificate of Training

Mayank Kumar,

student of Heritage Institute of Technology, has successfully completed a six weeks 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 and Application of Python in Various Disciplines modules. In the final assessment, Mayank scored 67% marks. We wish Mayank all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-10-17

Certificate no.: 178A33B9-0A9F-FAF6-4F21-F8D43E7C66AA

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

Certificate of Training

Ankita Kumari

from **Heritage Institute of Technology** has successfully completed a eight weeks online training on **Programming with C and C++** from 25th April, 2020 to 20th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Ankita scored 98% marks in the final assessment and is a top performer in the training. We wish Ankita all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-30

Certificate no. : 70E25E75-3007-E18D-1054-EB2210A8D65

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



Prashikshan -2020



SHAVAK NANAVATI TECHNICAL INSTITUTE

An ISO 9001:2015 Organization

CERTIFICATE

This is to certify that Amrag Kumar (Reg. No. VT20201739)
Student of HERITAGE INSTITUTE OF TECHNOLOGY
has undergone Vocational Training Program at Tata Steel Ltd., Jamshedpur from
30-April 2020 to 04-June 2020. The details of the programme are as under:

| | |
|--------------------|--------------------------------|
| Department Covered | IT APPLICATION SUPPORT TSK P&M |
| Project Title | LD2/LD3 PLANT STATUS |

He/She has successfully completed the Programme

Amni Kumari

Place : Jamshedpur
Date : 09-07-2020
Ref No : VT20201739

Coordinator
Vocational Training
Tata Steel Ltd

SHAVAK NANAVATI TECHNICAL INSTITUTE, TATA STEEL LTD, N-ROAD, BISTUPUR, JAMSHEDPUR – 831001,

Telephone: 91-657-2320243, Fax: 91-657-2320243, E-mail- snit.office@tatasteel.com

Certificate of Training

Arpit Kumar Ranjan

from Heritage Institute of Technology has successfully completed a six weeks online training on **Programming with Python** from 23rd April, 2020 to 4th June, 2020. 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 and Application of Python in Various Disciplines modules. In the final assessment, Arpit Kumar scored 58% marks. We wish Arpit Kumar all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-03

Certificate no.: 9E028C649946E16F95A64C38CC7A79A8

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



www.newsgram.com marketing@newsgram.com

June 22, 2020

To Whom It May Concern

This is to certify that **Gautam Bagla** has successfully completed his internship with NewsGram during the period of April 10, 2020 to June 09, 2020 as an 'App Developer'.

During the internship, Gautam has worked under mentor(s) and learned several things related to agile methodologies, analytical skills and programming language.

Gautam worked diligently as an intern throughout.

He has also displayed a lot of enthusiasm and interest in learning and acquiring new skills during his Internship.



Munish Kumar Raizada
Editor-in-Chief
NewsGram
www.NewsGram.com
Chicago IL USA

Address: Chicago, Illinois, USA

Certificate



Tech Learning
Solutions Pvt Ltd

Training-cum-Internship Certificate

This is to certify that

Ankit Shaw

of **Heritage Institute of Technology**

studying in **ECE, 3rd Year**

has successfully completed **4 (four) weeks**

Training-cum-Internship Program on

Python Programming Language

Awarded on: 29th June, 2020

Certificate No: ONLNST200155



Certificate No. CCL/ONS/7096A/TLSP

Prasad

CHANDRAKANT PRASAD
Director, Tech Learning Solutions Pvt Ltd

Organised by:



Organisation of training - myWBUT

Certificate of Training

Anuj Kumar

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Android App Development** from 29th April, 2020 to 10th June, 2020. The training consisted of Introduction to Android, World of Kotlin, Android Kick-Off, Higher Order Functionalities and The Final Project modules. Anuj scored 98% marks in the final assessment and is a top performer in the training. We wish Anuj all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-09

Certificate no.: 8587AAA1-5185-84C3-10D0-F947308C8221

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

5. Internshala Completion Certificate :





Certificate of Training

Aman Singh

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Core Java**. The training consisted of Getting Started with Java, Leveraging Basic Concepts, Object Oriented Programming and Java App Development modules. Aman scored 91% marks in the final assessment and is a top performer in the training. We wish Aman all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-30

Certificate no.: 19288828C-7F8C-4C00A78E2-80943C95D1

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

CERTIFICATES



Microsoft
Technology Associate



Certificatory of
Competency Program
Certificate ID: ARDENT.2020.699
Date of Achievement: 2020-06-30

Director
Technology Services



Director
Operation

Online Industrial Training Certificate

Awarded To

Nur Alom

of

Heritage Institute of Technology, Kolkata

for successfully completing the Industrial Training on

Internet of Things IoT

from 02/May/2020 to 30/Jun/2020

and implementing the project titled

Smart Water monitoring system

To verify the genuinity of this certificate visit www.ardentcollaborations.com or email to hr@ardentcollaborations.com

To Whom It May Concern

This is to certify that Nur Alam, a student of HERITAGE INSTITUTE OF TECHNOLOGY KOLKATA has successfully completed the Internship Program with ARDENT COMPUTECH PVT LTD on INTERNET OF THINGS IOT & implemented Project SMART WATER MONITORING SYSTEM from 02/May/2020 to 30/Jun/2020.

During the internship period, we found the overall performance & conduct was good in all the projects which has been assigned. Nur Alam was also punctual & hardworking.

Best wishes from ARDENT Computech Pvt Ltd.

Thanks & Regards
Indranil De Sarkar
Digitally Signed on 17.06.142204 00890911668

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT LTD

Date: 30/Jun/2020



ARDENT®

"Drives You to Industry"

"Knowledge is power, power leads to growth, growth is life"

To Whom It May Concern

This is to certify that Ritika Roy, a student of HERITAGE INSTITUTE OF TECHNOLOGY has successfully completed the Internship Program with ARDENT COMPUTECH PVT LTD on INTERNET OF THINGS IOT & implemented Project WATER LEVEL MONITORING SYSTEM USING ARDUINO AND ULTRA-SOUND SENSOR from 02/May/2020 to 02/Jun/2020.

During the internship period, we found the overall performance & conduct was good in all the projects which has been assigned. Ritika Roy was also punctual & hardworking.

Best wishes from ARDENT Computech Pvt Ltd.

Thanks & Regards
Indranil De Sarkar
Digitally Signed on 117.204.242.93-00000001418

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT.LTD

Date: 02/Jun/2020



Module No-132, Gr Floor, SDF Building, Sector-V, Salt Lake, Kolkata-700091
www.ardentcollaborations.com



Certificate of Competency Program

Certificate ID: ARDENT/2020/998
Date of Achievement: 2020-06-02

Director
Technology Services



Director
Operation

Online Industrial Training Certificate

Awarded To

Rittika Roy

of

Heritage Institute of Technology

for successfully completing the Industrial Training on

Internet of Things IoT

from **02/May/2020 to 02/Jun/2020**

and implementing the project titled

Water Level Monitoring System using Arduino and Ultra-Sound Sensor

To verify the genuinity of this certificate visit www.ardentcollaborations.com or email to hr@ardentcollaborations.com

Programming with C and C++ Training - Certificate of Completion



Certificate of Training

Sundram Ajay

from Heritage institute of technology has successfully completed a six weeks online training on **Machine Learning** from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. Sundram scored 99% marks in the final assessment and is a top performer in the training. We wish Sundram all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-11

Certificate no. : E70263A9-4D2E-E059-0176-4C6AFAC7A3CB

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

CERTIFICATE

INTERNSHALA TRAININGS

Certificate of Training

Sundram Ajay

from **Heritage institute of technology** has successfully completed a six weeks online training on **Machine Learning** from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. Sundram scored 99% marks in the final assessment and is a top performer in the training. We wish Sundram all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-11

Certificate no.: E7026DA3-4D5E-003F-0173-6C9AFAC7A305

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

Certificate of Training

Kumari Preeti

from HERITAGE INSTITUTE OF TECHNOLOGY has successfully completed a six-week online training on **Programming with Python** from 18th April, 2020 to 30th May, 2020. 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 and Application of Python in Various Disciplines modules. Kumari scored 97% marks in the final assessment and is a top performer in the training. We wish Kumari all the best for the future.



Suresh Agrawal
Founder & CEO, Intershala

Date of certificate: 03/06/20

Certificate no.: INTSHALA-432-9-94-EDX-26494-04-01

For certificate verification, please visit https://training.intershala.com/verify_certificate



Certificate of Training

Ankit Kumar,

student of Heritage Institute of Technology, has successfully completed a six weeks online training on **Digital Marketing**. The training consisted of Blogging & Web Analytics, Search Engine Optimisation, Email Marketing, Inbound and Content Marketing, Online Advertising - Search, Display and Video, Mobile Marketing and Social Media Marketing - Platforms, ORM & Automation modules. In the final assessment, Ankit scored 87% marks. We wish Ankit all the best for the future.

Sarveesh Agrawal
Founder & CEO, Internshala

Date of certification: 2024-06-22

Certificate no.: 26311611-46E5-40F4-67F6-300804AB92C

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

https://trainings.internshala.com/verify_certificate

CERTIFICATE

INTERNSHALA TRAININGS

Certificate of Training

Tathagata Maji

from **HERITAGE INSTITUTE OF TECHNOLOGY** has successfully completed a eight weeks online training on **Programming with C and C++** from 15th May, 2020 to 10th July, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules.

We wish Tathagata of the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-08-26

Certificate no.: IC22CA48-C092-6406-AJWC-#1007FRM03

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

Date:-24TH Nov 2020

Tathagata Maji

SUMMER TRAINING CERTIFICATE



https://trainings.internshala.com/verify_certificate



Certificate of Training

Soumali Bhattacharya

from Heritage Institute of Technology has successfully completed a six weeks online training on Data Science from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. In the final assessment, Soumali scored 93% marks. We wish Soumali all the best for the future.

A handwritten signature in black ink, appearing to read 'Sarvesh'.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-29

Certificate no. : 560E9DEB-19F8-1A29-F708-AF4D296CC87C

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



Online Industrial Training Certificate

Awarded To
SAGARIKA DAS

of
HERITAGE INSTITUTE OF TECHNOLOGY , KOLKATA
for successfully completing the Industrial Training on
Internet of Things IoT
from **02/May/2020 to 02/Jun/2020**
and implementing the project titled
HUMIDITY AND TEMPERATURE MONITORING



Microsoft
Technology Associate




Director
Technology Services




Director
Operation

ARDENT®

"Drives You to Industry"

"Knowledge is power, power leads to growth, growth is life"

To Whom It May Concern

This is to certify that SAGARIKA DAS, a student of HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA has successfully completed the Internship Program with ARDENT COMPUTECH PVT LTD on INTERNET OF THINGS IOT & implemented Project HUMIDITY AND TEMPERATURE MONITORING from 02/May/2020 to 02/June/2020.

During the internship period, we found the overall performance & conduct was good in all the projects which has been assigned. SAGARIKA DAS was also punctual & hardworking.

Best wishes from ARDENT Computech Pvt Ltd.

Thanks & Regards
Indrani De Sarkar
Digitally Signed on 03-22-2020 14:46:20 GMT+05:30

INDRANIL DE SARKAR
DIRECTOR-HR
ARDENT COMPUTECH PVT LTD

Date: 02/June/2020

Microsoft
Technology Resources



Module No-132, Gr. Floor, SDF Building, Sector-V, Salt Lake, Kolkata-700091
www.ardentcollaborations.com



Certificate of Training

Pritam Dhar

from Heritage Institute of technology has successfully completed a six weeks online training on **Digital Marketing** from 1st May, 2020 to 12th June, 2020. The training consisted of Blogging & Web Analytics, Search Engine Optimisation, Email Marketing, Inbound and Content Marketing, Online Advertising - Search, Display and Video, Mobile Marketing and Social Media Marketing - Platforms, CRM & Automation modules. In the final assessment, Pritam scored 76% marks. We wish Pritam all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh Agrawal".

Sarvesh Agrawal
Founder & CEO Internshala

Date of certification: 2020-06-07

Certificate no.: 3142892C-49B3-4000-473C-46128F25C687

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

CERTIFICATE FOR THE COURSE





Certificate of Training

Soumyadeep Ray

from Heritage Institute of Technology has successfully completed a six weeks online training on Programming with C and C++ from 1st May, 2020 to 12th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, Soumyadeep scored 76% marks. We wish Soumyadeep all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh Agrawal".

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-25

Certificate no. : 035A738E-CC9D-378D-5853-F642F7083679

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

Certificate of Training

Soumyadeep Ray

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Programming with C and C++** from 1st May, 2020 to 12th June, 2020. The training consisted of Getting Started With Programming in C, Diving into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, Soumyadeep scored 76% marks. We wish Soumyadeep all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020/06/25

Certificate no: (035A736-CC9D-376D-5653-4412F003A79)

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

Certificate

Certificate of Training

Soham Ganguly

from **Heritage Institute of Technology** has successfully completed a eight weeks online training on **Programming with C and C++** from 1st May, 2020 to 26th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using C++ , Diving into C++ Programming and Building Cricket Game Application modules. In the final assessment, Soham scored 84% marks. We wish Soham all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

CERTIFICATES



Certificate

VLSI Design Engineer

This certificate is awarded to Ms. SOUHADRI DAS for
successfully completing the Training/Internship Program entitled **Virtual
Training Program - Basic** of 130 hours duration (**85 Lecture Hours + 85
Laboratory Hours**) conducted from 18th May, 2020 to 12th June, 2020



Mr. Mrinal Das

Mr. Mrinal Das

(Founder, Electronic Center of Excellence)



Date of Issue: **26th JUNE, 2020**

C. N.: **ECOE-2020-VTPL1-001-09**

This certificate can be verified by visiting to the below address by mentioning the certificate number and date of issue.

ELECTRONICS CENTER OF EXCELLENCE (e-COE)

ICB-521, DET Cybercity, Bhubaneswar, Odisha, 751024

e-mail: ecoe@iitkgp.ac.in Mob: +91-7077113700



Skill India
 सक्षमता - नई नफ़ायतें



सर्वोपयोगी सरकार
 GOVERNMENT OF INDIA
 MINISTRY OF SKILL DEVELOPMENT
 & ENTREPRENEURSHIP



N·S·D·C
 National
 Skill Development
 Corporation
 Transforming the skill landscape
 www.nsdindia.org

Certificate

This is to certify that

Ms Souhadri Das D/O Tapan Das
 has successfully completed training for the role of
VLSI Design Engineer (QP No. - ELE/Q1201)
 conforming to National Skill Qualifications Framework Level-5

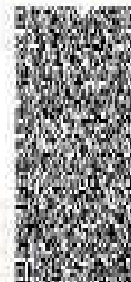


Mr. Ajal Choudhry
 (Chairman, Electronics Sector
 Skills Council of India)

Issued by... **Mr. Mrinal Das**

Institution Name: **Electronic Center of Excellence, BBSR**

Signature: *Mrinal Das*



25389070467044250000102547
 www.nsdindia.org/ptsecure



Online Industrial Training Certificate

Awarded To

DIPTOPRIYO DASGUPTA

of

Heritage Institute of Technology, Kolkata

for successfully completing the Industrial Training on

Data Science and Machine Learning using Python

from 01/May/2020 to 01/Jun/2020

and implementing the project titled

Prediction of Solar Power



Microsoft
Technology Associate



Certificate of
Competency Program
Certificate ID: ARDENT/2020/851
Date of Achievement: 2020-06-01

Director
Technology Services



Director
Operation

Ardent Computech Pvt. Ltd.



CERTIFICATE FROM SUPERVISOR

This is to certify that Adrija Mondal successfully completed the project titled "Prediction of Solar Power" under my supervision during the period from May, 2020 to June, 2020 that is in partial fulfillment of requirements for the award of the B.Tech degree and submitted to the Electronics and Communication Department of Heritage Institute of Technology.



Signature of the Supervisor

Date: 07.07.2020

Name of the Project Supervisor: Mahendra Datta



Online Industrial Training Certificate

Awarded To

KOUSTAV SINHA

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the Industrial Training on

Internet of Things IoT

from 02/May/2020 to 02/Jun/2020

and implementing the project titled

HUMIDITY AND TEMPERATURE MONITORING



Microsoft
Technology Associate



Certificate of
Competency Program
Certificate ID: ARDENT/2020/697
Date of Achievement: 2020-06-02

Director
Technology Services



Director
Operation

To verify the genuinity of this certificate visit www.ardentcollaborations.com or email to hr@ardentcollaborations.com

To Whom It May Concern

This is to certify that KOUSTAV SINHA, a student of HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA has successfully completed the Internship Program with ARDENT COMPUTECH PVT LTD on INTERNET OF THINGS IOT & implemented Project HUMIDITY AND TEMPERATURE MONITORING from 02/May/2020 to 02/Jun/2020.

During the internship period, we found the overall performance & conduct was good in all the projects which has been assigned. KOUSTAV SINHA was also punctual & hardworking.

Best wishes from ARDENT Computech Pvt Ltd.

Thanks & Regards
Indranil De Sarkar
Digitally Signed on 103.88.216.223:202015014349

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT LTD

Date: 02/Jun/2020





Certificate of Training

Somopriya Sett

from **Heritage Institute of Technology, Kolkata** has successfully completed a six weeks online training on **Machine Learning**. The training consisted of Introduction to Machine Learning, Data, Introduction to Python, Data Exploration and Pre-processing, Linear Regression, Introduction to Dimensionality Reduction, Logistic Regression, Decision Tree, Ensemble Models and Clustering (Unsupervised Learning) modules. In the final assessment, Somopriya scored 83% marks. We wish Somopriya all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh".

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-08-31

Certificate no.: A2682642-941F-4F4D-AA82-34BA0225169A

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



Certificate of Training

Shirsha Ray

from Heritage Institute of Technology has successfully completed a six weeks online training on Programming with C and C++ from 26th April, 2020 to 7th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules.

In the final assessment, Shirsha scored 88% marks. We wish Shirsha all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh".

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-09

Certificate no. : CFDA36A6-984A-4530-55AA-28D38D89561D

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

SIEMENS

SIEMENS Limited, Plot No. 128, D-Block Sector 62, Gurgaon,
Haryana - 122002

| | |
|---------------------------------|--------------------------|
| Name | Sanjay Singh |
| Department | HR |
| Telephone | +91 172 2752000 |
| Fax | +91 172 2752000 |
| E-mail | sanjay.singh@siemens.com |
| Your letter of our reference | SIEM/HR/002 |
| Date | 28.06.2019 |

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Vihai Sai Rajarath Adike has undergone training at our Organization from 07th June 2019 to 28th June 2019.

He submitted a training report on "Power Systems and Switchgear".

During his stay in Siemens, we found him committed and his performance as well as conduct was appreciable.

We wish him all the very best in his future endeavors.

Yours faithfully,
For SIEMENS LTD.


Numaal P. Kesavadas

Siemens Ltd.
Management Building

SI-Block/HR
Building
Sector 62/Gurgaon
Gurgaon Haryana

Tel: +91 172 275 2000
Fax: +91 172 275 2000
www.siemens.com



Certificate of Training

Dwaypayan Ghosh

from Heritage Institute of Technology has successfully completed a six weeks online training on Machine Learning from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. In the final assessment, Dwaypayan scored 88% marks. We wish Dwaypayan all the best for the future.

A handwritten signature in black ink, appearing to read 'Sarvesh'.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-10

Certificate no.: F7988107-967E-0775-7072-A21698AF73A7

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



Certificate of Training

Surashree Chakraborty

from HERITAGE INSTITUTE OF TECHNOLOGY has successfully completed a six weeks online training on **Programming with Python** from 18th April, 2020 to 30th May, 2020. 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 and Application of Python in Various Disciplines modules. Surashree scored 100% marks in the final assessment and is a top performer in the training. We wish Surashree all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-29

Certificate no.: 1F918F07-C4EC-618E-72BD-03AA94F65129

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



Certificate of Training

Santarup Mukherjee

from Heritage Institute of Technology has successfully completed a six weeks online training on Data Science from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. In the final assessment, Santarup scored 87% marks. We wish Santarup all the best for the future.

A handwritten signature in black ink, appearing to read 'Sarvesh'.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-08

Certificate no. : 6C0EA937-1E93-2E85-1DAC-722D5A58872D

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



Certificate of Training

ABHIK PAL

from Heritage Institute of Technology has successfully completed a six weeks online training on Data Science from 29th April, 2020 to 10th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. ABHIK scored 100% marks in the final assessment and is a top performer in the training. We wish ABHIK all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh Agrawal".

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-09

Certificate no. : 6971 DEAC-8C0A-5580-997F-4EA8C2870F1

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



Certificate of Training

DEBASISH HALDER

from HERITAGE INSTITUTE OF TECHNOLOGY has successfully completed a six weeks online training on Data Science from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. DEBASISH scored 100% marks in the final assessment and is a top performer in the training. We wish DEBASISH all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-22

Certificate no. : 8B7678FD-3C48-828D-68D2-FE645C132783

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

CERTIFICATE

INTERSHALA TRAININGS

Certificate of Training

SATYAKI SARKAR

from **Heritage Institute Of technology** has successfully completed a six weeks online training on **Data Science** from 29th April, 2020 to 10th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basis of Machine Learning models. SATYAKI scored 100% marks in the final assessment and is a top performer in the training. We wish SATYAKI all the best for the future.


Sarvesh Agrawal
Founder & CEO, Intershala

Date of certificate: 2020-06-05

Certificate No.: E03F8D-12D-97D484D-287C4027E

For certificate authentication, please visit http://www.intershala.com/verify_certificate

TRAINING CERTIFICATE-



TRAINING CERTIFICATE-



CERTIFICATE

INTERNSHALA TRAININGS

Certificate of Training

Tiyasa Bera

from **Heritage Institute Of Technology** has successfully completed a eight weeks online training on **Programming with C and C++** from 1st May, 2020 to 26th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Tiyasa scored 100% marks in the final assessment and is a top performer in the training. We wish Tiyasa all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Dated: 26/06/2020

Certificate ID: 84048F-0C7D-87D3-45BC-4DB39C3940D0

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



Certificate of Training

Shalini Chowdhury

from **The Heritage Institute Of Technology** has successfully completed a six weeks online training on **Android App Development** from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Android, World of Kotlin, Android Kick-Off, Higher Order Functionalities and The Final Project modules. Shalini scored 100% marks in the final assessment and is a top performer in the training. We wish Shalini all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh Agrawal".

Sarvesh Agrawal
Founder & CEO, Intershala

Date of completion: 2020-06-03

Certificate no.: ITRAC201704-1325-177C0A763A20027D

For certificate authentication, please visit <http://training.intershala.com/verify/certificate>

CERTIFICATE



Certificate of Training

Debarpita Pal

from **Heritage Institute of Technology** has successfully completed a eight weeks online training on **Programming with C and C++** from 1st May, 2020 to 26th June, 2020. The training consisted of Getting Started With Programming in C, Diving into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Debarpita is a top performer in the training. We wish Debarpita all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certificate: 2020-07-01

Certificate no.: 19F098280247C0E1A885A09A4A8F0E

For certificate authentication, please visit <https://www.internshala.com/certificate-verify>



Certificate of Training

AVINABA SAHA

from Heritage Institute of Technology has successfully completed a six weeks online training on Data Science from 29th April, 2020 to 10th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. We wish AVINABA all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh".

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-05

Certificate no.: 1884638F9-E078-5FA7-8718-2A6F0277F52A

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



Certificate of Training

Siddharth Singh

from Heritage Institute of Technology has successfully completed a six weeks online training on Data Science from 29th April, 2020 to 10th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. Siddharth scored 100% marks in the final assessment and is a top performer in the training. We wish Siddharth all the best for the future.

A handwritten signature in black ink, appearing to read 'Sarvesh'.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-02

Certificate no. : 792251E4-6754-81D6-1DE1-81754928805A

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

SUMMER TRAINING CERTIFICATE



Certificate of Training

Pronit Das

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Data Science** from 29th April, 2020 to 10th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. Pronit scored 100% marks in the final assessment and is a top performer in the training. We wish Pronit all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-06

Certificate no.: 170430A7-FB8F-813F-565F-D343A585221F

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



Certificate of Training

Sreyasee Pahari

from Heritage Institute of Technology has successfully completed a eight weeks online training on Programming with C and C++ from 19th April, 2020 to 14th June, 2020. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. Sreyasee scored 100% marks in the final assessment and is a top performer in the training. We wish Sreyasee all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-08

Certificate no. : 6EB7C0FF-5C16-59C2-E6D7-68B22CDA65FA

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

Certificate of Training

Sreyasee Pahari

from **Heritage Institute of Technology** has successfully completed a eight weeks online training on **Programming with C and C++** from 19th April, 2020 to 14th June, 2020. The training consisted of Getting Started With Programming in C, Diving into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules.

Sreyasee scored 100% marks in the final assessment and is a top performer in the training. We wish Sreyasee all the best for the future.



Suresh Agrawal
Founder & CEO, Internshala

Date of certification: 2020/07/08

Certificate No.: 485FC0FF3C1439C2E8D76B23C0A45FA

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



Certificate of Training

Agniva Dey,

student of Heritage Institute of Technology, has successfully completed a six weeks online training on **Data Science** from 29th April, 2020 to 10th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. In the final assessment, Agniva scored 93% marks.

We wish Agniva all the best for the future.

A handwritten signature in black ink, appearing to read 'Sarvesh'.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-06

Certificate no. : B14DF533-1A23-A0F5-4572-A77A3C0EED97

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



Certificate of Training

Sagar Agarwal

from **Heritage Institute of Technology Kolkata** has successfully completed a six weeks online training on **Machine Learning** from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. Sagar scored 99% marks in the final assessment and is a top performer in the training. We wish Sagar all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh".

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-10

Certificate no.: 46697C97-A1C6-C685-8FFC-0E13ECC2AA6E

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



Certificate of Training

Sourav Bose

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Machine Learning** from 1st May, 2020 to 12th June, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. Sourav scored 97% marks in the final assessment and is a top performer in the training. We wish Sourav all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh".

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certificate: 2020-07-10

Certificate no.: ANU298F1-3747-D18F-0006-0817C9185AC

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



Certificate of Training

Sushmita Ghosh,

student of Heritage Institute Of Technology, Kolkata(HITK), has successfully completed a six weeks online training on **Digital Marketing** from 1st May, 2020 to 12th June, 2020. The training consisted of Blogging & Web Analytics, Search Engine Optimisation, Email Marketing, Inbound and Content Marketing, Online Advertising - Search, Display and Video, Mobile Marketing and Social Media Marketing - Platforms, ORM & Automation modules. We wish Sushmita all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-16

Certificate no. : 75AE87D9-FA3C-B22D-F740-5E22D2806E41

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



Certificate of Training

Sushmita Ghosh,

student of Heritage Institute Of Technology, Kolkata(HITK), has successfully completed a six weeks online training on **Digital Marketing** from 1st May, 2020 to 12th June, 2020. The training consisted of Blogging & Web Analytics, Search Engine Optimisation, Email Marketing, Inbound and Content Marketing, Online Advertising - Search, Display and Video, Mobile Marketing and Social Media Marketing - Platforms, ORM & Automation modules. We wish Sushmita all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh".

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-16

Certificate no. : 75AEB7C3-FA3C-822D-F74D-5E2D2804E41

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

Certificate of Training

SOUVIK SHARMA

from Heritage Institute of Technology has successfully completed a six weeks online training on Data Science from 29th April, 2020 to 10th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. In the final assessment, SOUVIK scored 93% marks. We wish SOUVIK all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-06

Certificate no. : 40FF9C19-885F-0785-A19A-2416C38843A6

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



Certificate of Completion

This is to certify that Mr./Ms. Rajat Kumar a student of HIT-Kolkata has scored 90% and successfully completed the 2 Month training on **Internet of Things and Machine Learning**.

26 April 2020

Date


Vinayak Joshi
Mentor, Bolt IoT


Pranav Pal Vernekar
CEO, Bolt IoT



To verify this certificate, please e-mail to support@boltiot.com

281030b08a1281840c74903c12ef76



Certificate of Training

Ritika Bharti

from **Heritage Institute of Technology** has successfully completed a six weeks online training on **Web Development** from 1st May, 2020 to 12th June, 2020. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. We wish Ritika all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh".

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-31

Certificate no.: PB4C6599-322D-E1DF-9983-601426594D18

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



Certificate of Training

Moupriya Sarkar

from **Heritage Institute of Technology Kolkata** has successfully completed a six weeks online training on **Web Development** from 1st May, 2020 to 12th June, 2020. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. In the final assessment, Moupriya scored 71% marks. We wish Moupriya all the best for the future.

A handwritten signature in black ink, appearing to read 'Sarvesh'.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-01

Certificate no.: 4531/AEF-68D5-8F75-889B-45862A9A0D19

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



Certificate of Training

Munna Singh

from **HERITAGE INSTITUTE OF TECHNOLOGY** has successfully completed a six weeks online training on **Data Science** from 29th April, 2020 to 10th June, 2020. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. In the final assessment, Munna scored 87% marks.

We wish Munna all the best for the future.

A handwritten signature in black ink, appearing to read 'Sarvesh'.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-09

Certificate no.: 915AD76C-598F-8EE3-C38B-DE46241A42A9

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

Activate Windows

Go to the settings to activate

Certificate of Training

Sanjib Bag,

has successfully completed a six weeks 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 and Application of Python in Various Disciplines modules. In the final assessment, Sanjib scored 39% marks.

We wish Sanjib all the best for the future.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certificate: 2021-05-11 Certificate no.: 79580073-5880-C343-375F-C08800762 SOP

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



Certificate of Training

GOURAV KUMAR NAYAK

from **HERITAGE INSTITUTE OF TECHNOLOGY** has successfully completed a six weeks 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 and Application of Python in Various Disciplines modules. In the final assessment, **GOURAV KUMAR** scored 73% marks. We wish **GOURAV KUMAR** all the best for the future.


Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-24

Certificate no. | 88BC720C-4D73-E3D5-2A25-F918B818499E

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

IS24B003



EdGate®
UNIVERSITY PROGRAM

TEXAS
INSTRUMENTS

CERTIFICATE OF INTERNSHIP

This is to certify that Souvik Ghosh of Heritage Institute Of Technology, Kolkata has successfully undergone Ten Days Internship from 07th November 2020 on Embedded System Design organized by EdGate Technologies Pvt Ltd Bangalore under Texas Instruments India University Program.

Mannat

EdGate Technologies Pvt Ltd



EDGATE PARTNERS



INTERNSHIPSTUDIO

CERTIFICATE

OF INTERNSHIP

THIS IS TO CERTIFY

PRIYANKA SARKAR

for completing 5 weeks of Internship in Machine Learning with the title of **Marketing Campaign For Banking Products** at Internship Studio from 25th July to 3rd September 2020. We wish you all the best for your future endeavours.

Sanjay Bhargava
Instructor

Maurya Malineni
Mentor

Aniket Maheshwari
Founder & CEO

Date:
19/09/2020

Certificate ID:
SMIP5266



Certificate of Training

Shilpa Das,

student of Heritage Institute of Technology, has successfully completed a six weeks 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 and Application of Python in Various Disciplines modules.

In the final assessment, Shilpa scored 48% marks. We wish Shilpa all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh".

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-09-30

Certificate no : CEAPPCB-ASAD-AS5A-AS17-83F019A0EBD7

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



Certificate of Training

Debaghya Dutta,

student of Heritage Institute Of Technology, has successfully completed a six weeks online training on **Programming with Python** from 1st May, 2020 to 12th June, 2020. 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 and Application of Python in Various Disciplines modules. In the final assessment, Debaghya scored 62% marks. We wish Debaghya all the best for the future.

A handwritten signature in black ink, appearing to read 'Sarvesh'.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-08

Certificate no.: 4976961-94E0-5A75-2037-346BAC89EA08

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