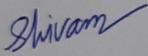


## Certificate

Certified that **Aayushi Gaur** has carried out the project work titled "**Speech to Text Conversion**" from **July 2020** to **December 2020** for the award of the **B.Tech(Computer Science and Engineering)** from **Indifi Technologies** under my supervision. The thesis embodies results of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.



Shivam Agrawal

(Name of Supervisor)

Designation: Senior Software Engineer

Place: Lucknow

Date: 14/01/2021

**CRIS**

रेलवे सूचना प्रणाली केन्द्र  
(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Aditi Tripathi** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20** to **20<sup>th</sup> Nov'20**

*Manoj Kumar*  
04/10/21

**(Manoj Kumar)**  
**Senior Project Engineer**  
**Manufacturing Unit Group**



**19<sup>th</sup> December 2020**

**Certificate**

Certified that **Aditi** has carried out the **digital marketing, SEO** for BeyondAlphabets.in and their customers from 1<sup>st</sup> July 2020 to 18th December 2020 for the award of the B.Tech **Computer Science** from **BeyondAlphabets** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

(SANJAY KUMAR NANDECHA)

Co-Founder

Noida

19<sup>th</sup> December 2020

Date: 11/12/2020

CSL/CBO/440139

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Akanksha D/o Mr. Sh. Binod Kumar pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Automatic Trading System in Python stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*

*With Best Wishes,*

*From Compucom Software Limited*

*Rajesh Kumar Arora*  
*Rajesh Kumar Arora*  
*(Manager)*



**CRIS**

रेलवे सूचना प्रणाली केन्द्र  
(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

## **TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Bharti Gupta** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20 to 20<sup>th</sup> Nov'20** (left prematurely).

During this Internship period she was lacking discipline.

*Manoj*  
*04/07/20*

(Manoj Kumar)  
Senior Project Engineer  
Manufacturing Unit Group

|   |  |
|---|--|
|  | रेलवे सूचना प्रणाली केन्द्र<br>(रेल मंत्रालय भारत सरकार का संगठन)  |
|   | <b>CENTRE FOR RAILWAY INFORMATION SYSTEMS</b><br>(An Organization Of The Ministry Of Railways, Govt. Of India) |

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Deeksha Agarwal** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20** to **20<sup>th</sup> Nov'20** (left prematurely).

During this Internship period she was lacking discipline.

  
**(Manoj Kumar)**  
**Senior Project Engineer**  
**Manufacturing Unit Group**

**CRIS**

रेलवे सूचना प्रणाली केन्द्र  
रेल मंत्रालय भारत सरकार का संगठन

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Isha Anand** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20** to **20<sup>th</sup> Nov'20** (left prematurely).

During this Internship period she was lacking discipline.

*Manoj*  
*04/02/21*

(Manoj Kumar)  
Senior Project Engineer  
Manufacturing Unit Group



Date: 15<sup>th</sup> December 2020

## **CERTIFICATE**

Certified that ***Jyoti Rawat*** has carried out the project work titled "***Internet Mailing System***" from ***15<sup>th</sup> June 2020 – 15<sup>th</sup> December 2020*** for the award of the course- B.tech CSE.

From Ephesoft India Pvt. Ltd. Under my supervision. The thesis embodies result of original work and studies carried out by student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

On and behalf of Ephesoft

**Deepak Chhikara**

**Test Lead**

**Place: Gurugram**



SpeckyFox Technologies India Pvt Ltd  
A89, Sector 65  
Noida, Uttar Pradesh, India, 201301  
Ph: +91-120-4699495

08th Jan, 2021

**TO WHOM IT MAY CONCERN**

This letter is to certify that Ms. Kanishka Juneja (Enrolment ID. BTBTC17196) of Computer Science (B.Tech) from Banasthali Vidyapith, Rajasthan has successfully completed her internship program of 6 months with SpeckyFox Technologies India Pvt. Ltd. in Machine Learning Technology.

Her internship tenure was from 27<sup>th</sup> July, 2020 to 31<sup>st</sup> Dec, 2020. She was working actively & diligently involved in the projects and tasks assigned to her.

During the span, we found her punctual and hardworking person. Her learning powers are good and she picks up swiftly. Her feedback and evaluation proved that she learned keenly. Moreover, her interpersonal and communication skills are brilliant.

We wish her a bright future.

**FOR SPECKYFOX TECHNOLOGIES INDIA PVT LTD**

For SpeckyFox Technologies India Pvt. Ltd.

Director/Auth. Signatory

-----  
**Priya Tyagi**  
**Assistant Manager – Human Resources**  
**SpeckyFox Technologies India Pvt Ltd**



Celebrate the Girl Child  
and Enable Her Education

Date: Jan 31, 2021

### To Whomsoever it may concern

We are glad to inform that Ms. Kriti Goyal undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Artificial Intelligence & Machine Learning Technologies. She was found enthusiastic and excellent learner during his work on "Brain Computer Interface with grasp and lift EEG detection" project.

We found her inquisitive and hard working. She has done the outstanding work and put her best efforts while delving deep into the associated topics.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Priyanka Jain**  
Associate Director  
Artificial Intelligence Group  
CDAC-Delhi

डॉ. प्रियंका रजत जैन / Dr. Priyanka Rajat Jain  
सहयुक्त निदेशक / Associate Director  
सी-डैक / C-DAC, नई दिल्ली / New Delhi

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
वनस्थाली विद्यापीठ  
पो. वनस्थाली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
BANASTHALI VIDYAPITH  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

May 24, 2021

This is to certify that Ms. Kriti Singh D/o Shri Sandeep Kumar Singh is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17275.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Indian Institute of Technology Kanpur, Kanpur.

I wish her good luck for her future endeavours.

(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648



रेलवे सूचना प्रणाली केन्द्र  
(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Kritika Mishra** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20** to **20<sup>th</sup> Nov'20**

*Manoj Kumar*  
04/02/21

(Manoj Kumar)  
Senior Project Engineer  
Manufacturing Unit Group

## **Certificate**

Certified that Nandita Hans has carried out the project work titled "Self Service Tool" from 1st July 2020 to 15th December 2020 for the award of the UIL Project from CoreValue Technologies Pvt Ltd under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

Mr. Ronak Dhoot

Designation: Software Development Manager

Place: Noida

Date: 15th December 2020

**CORE VALUE TECHNOLOGIES PVT. LTD**

A-13A, Graphix Tower, Industrial Area Sector -62, Noida 201301 UP India  
E-mail : [info@corevaluetech.com](mailto:info@corevaluetech.com), [www.corevaluetech.com](http://www.corevaluetech.com)



**COMPUCOM**  
SOFTWARE LIMITED

IT-14-15, EPIP, Sitapura, Jaipur, Rajasthan - 302022, India  
Ph. : +91-141-5115908 (10 Lines), 2770131  
Fax : +91-141-2770335  
E-mail : fin@compucom.co.in  
CIN : L72200RJ1995PLC009798

Date: 5/12/2020

CSL/CBO/ 440145

**CURRICULUM INTERNSHIP CERTIFICATE**

This is to certify that **Miss Nishi Kumari D/o Mr. Sanjeev Kumar** pursuing **B.Tech(CS)** from **Banasthali University** has successfully completed her project training from our organization.

The duration of this project titled **Stock Management in PHP stream** was from **1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020**. During this period, her performance was good.

We wish her all the best for future endeavors.

Internship Coordinator: **Mr. Kalyan Samanta**

With Best Wishes,

From Compucom Software Limited



**Rajesh Kumar Arora**  
(Manager)

Visit us at : [www.compucom.co.in](http://www.compucom.co.in)





KANGAROO SOFTWARE

CIN:-U72900MP2016PTC035163

### TO WHOM IT MAY CONCERN

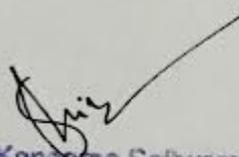
This is to certify that **Nishika Agrawal** has completed internship on **Machine Learning Technology** under the supervision of Kangaroo Software Pvt. Ltd Indore.

She has engaged in internship form 15/July/2020 to 15/Dec/2020.

During the training period, we found her sincere, quick learner and hard worker. She has shown Excellent learning and great coordination skills at company.

KANGAROO SOFTWARE

**We Wish Her All The Best in Her Future Endeavors.**

  
For Kangaroo Software Pvt. Ltd.

Director

M6, 1st Floor, Kanchan  
Sagar Building, Near  
Industry House, Indore.

Tel. 0731-4069788  
Mob.7805063968

hr@kangaroosoftware.net  
www.kangaroosoftware.net



रेलवे सूचना प्रणाली केन्द्र  
(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Pallavi Samant** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20 to 20<sup>th</sup> Nov'20** (left prematurely).

During this Internship period she was lacking discipline.

*Manoj*  
*04/07/21*

(Manoj Kumar)  
Senior Project Engineer  
Manufacturing Unit Group

Centre for Railway Information System, ITPI Building, 2nd Floor, 4-A, Ring Road, Estate,  
New Delhi-110002 Telefax No: 23379954

25/2/2021

प्रगत संगणन विकास केन्द्र  
CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार की एक वैज्ञानिक संस्था  
A Scientific Society of the Ministry of Electronics and Information Technology, Govt. of India



अनुसंधान भवन  
सी-56/1 संस्थागत क्षेत्र, सैक्टर-62,  
नोएडा-201 309 (उ.प्र.) भारत  
Anusandhan Bhawan,  
C-56/1, Institutional Area, Sector-62  
Noida - 201 309 (U.P.) India  
फोन / Tel: +91-120-3063311-13  
फैक्स / Fax: +91-120-3063317  
www.cdac.in

Dated: 22.01.2021

25.

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Prachi Singh, a 4<sup>th</sup> year student of B. Tech (CS) from Banasthali Vidyapith, Rajasthan affiliated to UGC (College Roll No BTBTC17092) has successfully completed Short Term Project Training in SNLP Department of C-DAC, Noida, as a part of her course curriculum. The duration of her Project was from 10.08.2020 to 21.12.2020.

The title of her Project is "ASR- Agriculture Domain Adaptation"

(MATHEW PHILIP)

Joint Director & Group Coordinator (HR & Admin)

- पूणे / Pune : +91-20-2570 4100 • बेंगलुरु (नॉलेज पार्क) / Bangaluru (Knowledge Park) : +91-80-2524 4059/6823/6826
- बेंगलुरु (इलेक्ट्रॉनिक्स सिटी) / Bangaluru (Electronics City) : +91-80-2852 3300 • नई दिल्ली / New Delhi : +91-11-2651 0221
- हैदराबाद / Hyderabad : +91-40-2373 7124 • मुंबई / Mumbai : +91-022 2620 1606 • चेन्नई / Chennai : +91-44-2254 2226/27
- कोलकाता / Kolkata : +91-33-2357 9846 / 5989 • मोहाली / Mohall : +91-172-223 7052/57
- तिरुवनंतपुरम / Thiruvananthapuram : +91-471-272 3333 • सिलचर / Silchar : +91-8811080081

CH202002



# CERTIFICATE

OF INTERNSHIP

**PRAGATI SAXENA**

Mobile App development intern

pursuing his/her 4TH Year at BANASTHALI VIDHYAPITH has completed an internship at

**Clinicure Healthcare services Pvt Ltd.** from 15/4/2020

Main Tasks Accomplished:

1. ANDROID MOBILEAPP DEVELOPMENT.

3. TESTING AND RESEARCH.

2. MOBILE APP DATABASE HANDELING.

We found him/ her sincere, hardworking, technically sound and result oriented. He/She worked well as part of a team during the tenure. We take this opportunity to thank her/him and wish her all the best for her future.

For Clinicure Healthcare services Pvt Ltd

A handwritten signature in black ink, appearing to read "Nilesh M. Sapkale".

Nilesh M. Sapkale

Managing Director and CEO



Place: Mumbai

Date: 06/9/2020

# AERIAL DELIVERY RES. & DEV. ESTABLISHMENT



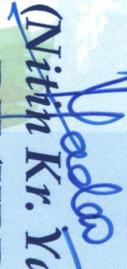
Ministry Of Defence, DRDO  
Station Road, Agra Cantt.

## TRAINING CERTIFICATE

Certified that Ms. RISHITA AGRAWAL D/O of Mr. VIVEK AGRAWAL, student of B.Tech IV<sup>th</sup> Year Computer Science from Banasthali Vidyapith, Rajasthan has undergone training (Unpaid) from 06<sup>th</sup> July 2020 to 07<sup>th</sup> December 2020 under 'Training of students of Graduation/Post Graduation in Engineering/General Sciences at DRDO labs/Estt. Scheme'. During the training his/her performance and conduct was found to be Excellent.

Ref No: ADDRDE/QMS/AG/HRD/ 426/11

Date: 18<sup>th</sup> Dec 2020

  
(Nitin Kr. Yadav)  
DH (HRD)  
For Director



**BeyondAlphabets**  
[www.beyondalphabets.in](http://www.beyondalphabets.in)

**19<sup>th</sup> December 2020**

### **Certificate**

Certified that **Samiksha Sharma** has carried out the project work titled “**KuodaB2B**” from 1<sup>st</sup> July 2020 to 18th December 2020 for the award of the B.Tech **Computer Science** from **BeyondAlphabets** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

(SANJAY KUMAR NANDECHA)

Co-Founder

Noida

19<sup>th</sup> December 2020

Centre for Railway Information System, ITPI Building, 2nd Floor, 4-A, Ring Road, Estate, New Delhi-110002 Telefax No: 23379954

|   |  |
|---|--|
|  | रेलवे सूचना प्रणाली केन्द्र<br>(रेल मंत्रालय भारत सरकार का संगठन)  |
|   | <b>CENTRE FOR RAILWAY INFORMATION SYSTEMS</b><br>(An Organization Of The Ministry Of Railways, Govt. Of India) |

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Sanskriti Gaekwad** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20 to 20<sup>th</sup> Nov'20** (left prematurely).

During this Internship period she was lacking discipline.

*Manoj Kumar*  
 04/10/20

**(Manoj Kumar)**  
**Senior Project Engineer**  
**Manufacturing Unit Group**

Centre for Railway Information System, ITPI Building, 2nd Floor, 4-A, Ring Road, Estate, New Delhi-110002 Telefax No: 23379954



Date: 11/12/2020

CSL/CBO/440086

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Sheetal D/o Mr. Parmod Kumar pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Hotel Resource Manager in PHP stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*

*With Best Wishes,*

*From Compucom Software Limited*

*Rajesh Kumar Arora*

*(Manager)*

# CERTIFICATE

## OF ACHIEVEMENT

THIS CERTIFICATE IS PRESENTED TO

*Shiwangi Yadav*

For completion of internship as a Software Developer at ProfCess  
from 25-May-2020 to 25-November-2020.

### PLATINUM CERTIFICATION

In recognition of outstanding accomplishments and contribution.



*S.K. Shrivastava*

AUTHORISED SIGNATURE  
S.K SHRIVASTVA



**क्रिस**

**CRIS**

# रेलवे सूचना प्रणाली केन्द्र

(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**  
(An Organisation of the Ministry of Railways, Govt. of India)

No. 2020/CRIS/PERS/18-1

Date. 14.12.2020

**WHOM SO EVER IT MAY CONCERN**

This is to certify that **Ms. Shradha Ahuja** student of **B.Tech. (CSE)** of **Banasthali Vidyapith** has undergone practical training in the **CENTRE FOR RAILWAY INFORMATION SYSTEMS, CHANAKYAPURI, NEW DELHI-110021** and worked on the project "**Virtual Medication Systems(VMS) using JAVA**" from **30.06.2020** to **09.12.2020** under the guidance of **Mr. Pradeep Rawal, Senior Project Engineer of HRMS group.**

  
(D.S. Adhikari)

Manager/Personnel

चाणक्यपुरी, नयी दिल्ली-110021  
CHANAKYAPURI, NEW DELHI-110021

टेलीफोन/TELEPHONE : 24104525, 24106717 फैक्स/FAX : 91-11-26877893

# CERTIFICATE

OF COURSE COMPLETION

This is to certify



**Shreya Suman**

has successfully completed Cyber Security  
from 1/5/2020 to 1/7/2020.

During their course with us, we found them to be a keen  
and enthusiastic candidate.

09/08/2020

Date

A handwritten signature in black ink, appearing to be "JS" with some additional strokes.

VP-HR

Certificate no : 3570794626

**verzes**  
learn here lead anywhere

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
बनस्थाली विद्यापीठ  
पो. बनस्थाली विद्यापीठ 304022  
(राजस्थान)



Faculty of Mathematics & Computer  
APAJI INSTITUTE  
BANASTHALI VIDYAPITH  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

## CERTIFICATE

Certified that Ms. Shreyasi Katiyar has carried out the project work titled "Student Feedback System using Sentiment Analysis" from July 15, 2020 to December 18, 2020 for the award of the B.Tech (Computer Science) from Banasthali Vidyapeeth under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

Dr. Neelam Sharma

Associate Professor, Computer Science

Banasthali Vidyapeeth

Date: 19 December 2020

# CERTIFICATE

**COMPUCOM**  
SOFTWARE LIMITED

IT-14-15, EPIP, Sitapura, Jaipur, Rajasthan - 302022, India  
Ph. : +91-141-5115908 (10 Lines), 2770131  
Fax : +91-141-2770335  
E-mail : fm@compucom.co.in  
CIN : L72200RJ1995PLC009798

Date: 15/12/2020

CSL/CBO/440155

## CURRICULUM INTERNSHIP CERTIFICATE

*This is to certify that Miss Srishti Sharma D/o Mr. Rajneesh Sharma pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Automatic Trading System in Python stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*

*With Best Wishes,*

*From Compucom Software Limited*

  
*Rajesh Kumar Arora*  
*Manager*



|             |  |
|-------------|--|
| <b>CRIS</b> | रेलवे सूचना प्रणाली केन्द्र<br>(रेल मंत्रालय भारत सरकार का संगठन)  |
|             | <b>CENTRE FOR RAILWAY INFORMATION SYSTEMS</b><br>(An Organization Of The Ministry Of Railways, Govt. Of India) |

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Sudheshna Bhowmik** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20** to **20<sup>th</sup> Nov'20** (left prematurely).

During this Internship period she was lacking discipline.

*Manoj*  
*04/07/21*  
**(Manoj Kumar)**  
**Senior Project Engineer**  
**Manufacturing Unit Group**

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
**वनस्थली विद्यापीठ**  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
**BANASTHALI VIDYAPITH**  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

## Certificate

Certified that **Ms. Vaishali Bhatt** has carried out the project work titled “**Evento-The College Event Application (An Android Based Application)**” from **July 2020 to December 2020** for the award of the **B.Tech. (Computer Science)** from **Banasthali Vidyapith** under my supervision. The report embodies result of original work and studies carried out by **Vaishali** herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

*Kusum*  
*16/12/2020*  
(Kusum Gupta)

Professor Computer Science

Banasthali Vidyapith

16 December 2020



रेलवे सूचना प्रणाली केन्द्र  
(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Vanshika Tripathi** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20** to **20<sup>th</sup> Nov'20**

*Manoj Kumar*  
04/02/21

(Manoj Kumar)  
Senior Project Engineer  
Manufacturing Unit Group

10 / 13





Brand owned by An ISO 9001:2015 | ISO/IEC 27001:2013 certified company

## Certificate

Certified that Vidisha Agarwal, has carried out the project work titled "Attendance System using face recognition" from 1<sup>st</sup> July to 15<sup>th</sup> December 2020 for the award of the Btech CS (7sem-4<sup>th</sup> Year) from Contrarian Ventures LLP under my supervision. The thesis embodies original work & studies carried out by the student herself & the contents of the thesis do not form the basis for the award of any other degree to the candidate or to any body else.

Yours Faithfully,

**Nand K Agarwal**  
Founder & CEO | Contrarian Ventures LLP  
Direct: +91 9990081400 | [nand@atmoz.in](mailto:nand@atmoz.in)

Place: Ghaziabad

Date: 15<sup>th</sup> December, 2020

Website : [www.atmoz.in](http://www.atmoz.in)  
Email : [support@atmoz.in](mailto:support@atmoz.in)  
Call : +91 9540 301 301

**Contrarian Ventures LLP**  
Unit No. - 501-A, 4th Floor, Shoppix Mall, Sector-5,  
Vashi, Ghaziabad, UP - 201010  
LLP Identification Number : AAF-9936

Registered Office  
7, Samarth Plaza, Gyank  
Indrapuram, Ghaziabad  
UP-201014

भारत सरकार  
अंतरिक्ष विभाग  
**भारतीय सुदूर संवेदन संस्थान**  
4, कालिदास मार्ग, पो. बाक्स सं. 135  
देहरादून-248001, भारत  
दूरभाष : +91-135-2524399  
फैक्स : +91-135-2741987, 2748041



Government of India  
Department of Space  
**Indian Institute of Remote Sensing**  
4, Kallidas Road, P.B. No. 135,  
Dehradun - 248001, India  
Telephone : +91-135-2524399  
Fax : +91-135-2741987, 2748041

### CERTIFICATE

This is to certify that **Ms Zareen Fatima** a student of B.Tech(computer Science) from Banasthali Vidyapith, has worked on the project entitled “**Land Cover Classification and change Analysis using Sentinel 2 Dataset**”. The work has been carried out from 01/07/2020 to 19/12/2020 under the supervision of Mr. Vinay Kumar, Scientist/Engineer ‘SE’, Photogrammetry and Remote Sensing Department, Indian Institute of Remote Sensing, ISRO, Dehradun, Uttarakhand, India. The project report embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

*Vinay Kumar*  
23/12/2020  
(Vinay Kumar)  
Project supervisor



School of Information Technology  
Indian Institute of Technology  
New Delhi 110016, India

**Prof. (Dr.) A.K. Bhateja**  
(Ex. Scientist 'H' & Director DFMM, DRDO, Delhi)

Date: 26<sup>th</sup> June 2021

To Whom it May Concern

This is to certify that Ms. Aditi Dudeja, an undergraduate student of Banasthali Vidyapith has successfully completed her internship under my supervision in the project "Multi-object detection and tracking using traditional Machine Learning techniques" from July 2020 to December 2020.

A.K. Bhateja

प्रगत संगणन विकास केन्द्र  
CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

इलेक्ट्रॉनिक्स एवं सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार की एक वैज्ञानिक संस्था  
A Scientific Society of the Ministry of Electronics and Information Technology, Govt. of India



अनुसंधान भवन  
सी-56/1 संस्थागत क्षेत्र, सैक्टर-62,  
नोएडा-201 309 (उ.प्र) भारत  
Anusandhan Bhawan,  
C-56/1, Institutional Area, Sector-62  
Noida - 201 309 (U.P.) India  
फोन / Tel: +91-120-3063311-13  
फैक्स / Fax: +91-120-3063317  
www.cdac.in

Dated: 05.03.2021

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Aditi Tewari**, a 4<sup>th</sup> year student of B. Tech (CS) from Banasthali Vidyapth, Rajasthan affiliated to UGC (College Roll No BTBTC17270) has successfully completed Short Term Project Training in Education & Training Department of C-DAC, Noida, as a part of her course curriculum. The duration of her Project was from **09.08.2020 to 21.01.2021**.

The title of her Project is **"Virtual Training Environment"**

(MATHEW PHILIP)

Joint Director & Group Coordinator (HR & Admin)

- 
- पूणे / Pune : +91-20-2570 4100 • बेंगलुरु (नॉलेज पार्क) / Bangaluru (Knowledge Park) : +91-80-2524 4059/6823/6826
  - बेंगलुरु (इलेक्ट्रॉनिक्स सिटी) / Bangaluru (Electronics City) : +91-80-2852 3300 • नई दिल्ली / New Delhi : +91-11-2651 0221
  - हैदराबाद / Hyderabad : +91-40-2373 7124 • मुंबई / Mumbai : +91-022 2620 1606 • चेन्नई / Chennai : +91-44-2254 2226/27
  - कोलकाता / Kolkata : +91-33-2357 9846 / 5989 • मोहाली / Mohali : +91-172-223 7052/57
  - तिरुवनंतपुरम / Thiruvananthapuram : +91-471-272 3333 • सिलचर / Silchar : +91-8811080081



### Certificate

Certified that **Ms. Aishwarya Raje** has carried out the project work titled "**Chatbot Using Python**" from **1<sup>st</sup> July 2020 to 15<sup>th</sup> December 2020** for the award of the **Python & Django Framework** from **Ypsilon IT Solutions (P) Ltd**, under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

A handwritten signature in black ink that reads "Ina Maheshwari". The signature is written in a cursive style with a long horizontal stroke at the bottom.

**(Ina Maheshwari)**

**Designation: HR Manager**

**Place: Indore**

**Date: 17-12-2020**



Celebrate the Girl Child  
and Enable Her Education

प्लॉट नंबर #20, एफसी-33,  
इंस्टिट्यूशनल एरिया, जसोला,  
नई दिल्ली-110025, भारत  
Plot No. #20, FC-33,  
Institutional Area, Jasola,  
New Delhi-110025, India  
www.cdac.in

Date: Jan 31, 2021

**To Whomsoever it may concern**

We are glad to inform that Ms. Akanksha undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Artificial Intelligence & Machine Learning Technologies. She was found enthusiastic and excellent learner during her work on "Brain Computer Interface with EEG Signals" project.

We found her inquisitive and hard working. She has done the outstanding work and put her best efforts while delving deep into the associated topics.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Priyanka Jain**  
Associate Director  
Artificial Intelligence Group  
CDAC-Delhi

**डॉ. प्रियंका रजत जैन / Dr. Priyanka Rajat Jain**  
सहयुक्त निदेशक / Associate Director  
सी-डैक / C-DAC, नई दिल्ली / New Delhi

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
**वनस्थली विद्यापीठ**  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
**BANASTHALI VIDYAPITH**  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

March 21, 2021

This is to certify that Ms. Akshita D/o Shri Vivek Rathi is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17238.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648

**CRIS**

रेलवे सूचना प्रणाली केन्द्र  
(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Anjali Rajput** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20 to 20<sup>th</sup> Nov'20 (left prematurely)**.

During this Internship period she was lacking discipline.

*Manoj Kumar*  
*04/02/21*

**(Manoj Kumar)**  
**Senior Project Engineer**  
**Manufacturing Unit Group**

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
**वनस्थली विद्यापीठ**  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
**BANASTHALI VIDYAPITH**  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

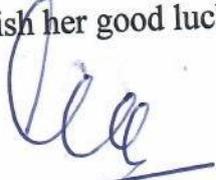
March 21, 2021

This is to certify that Ms. Anoushka Srivastava D/o Shri Anoop Kumar Srivastava is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17282.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

  
(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648



SpeckyFox Technologies India Pvt Ltd  
A89, Sector 65  
Noida, Uttar Pradesh, India, 201301  
Ph: +91-120-4699495

15th Dec, 2020

**TO WHOM IT MAY CONCERN**

This letter is to certify that Ms. Anshika Gupta (Roll no. 1712378) of Computer Science (B.Tech) from Banasthali Vidyapith, Rajasthan has successfully completed her internship program of 6 months with SpeckyFox Technologies India Pvt. Ltd. in Wizegain project in the frontend technology.

Her internship tenure was from 06<sup>th</sup> July, 2020 to 10<sup>th</sup> Dec, 2020. She was working actively & diligently involved in the projects and tasks assigned to her.

During the span, we found her punctual and hardworking person. Her learning powers are good and she picks up swiftly. Her feedback and evaluation proved that she learned keenly. Moreover, her interpersonal and communication skills are brilliant.

We wish her a bright future.

**FOR SPECKYFOX TECHNOLOGIES INDIA PVT LTD**

For SpeckyFox Technologies India Pvt. Ltd.

Director/Auth. Signatory

-----  
**Priya Tyagi**  
**Assistant Manager – Human Resources**  
**SpeckyFox Technologies India Pvt Ltd**

Date: 15/12/2020

CSL/CBO/440144

**CURRICULUM INTERNSHIP CERTIFICATE**

This is to certify that Miss Anshita Mahendra D/o Mr. Avinash Mahendra pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.

The duration of this project titled Hotel Resource Manager in PHP stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.

We wish her all the best for future endeavors.

Internship Coordinator: Mr. Kalyan Samanta  
Kalyan

With Best Wishes,  
From Compucom Software Limited

  
Rajesh Kumar Arora  
(Manager) ✓



1130-31, 11<sup>th</sup> Floor,  
Tower B3, Spaze iTech Park,  
Sector-49, Sohna Road  
Gurgaon-122018

14<sup>th</sup> December 2020

## **To whomsoever it may concern**

It is our pleasure to report that Anusha Verma has successfully completed her 6-months FLAG traineeship program with Foetron.

In the period that Anusha worked in our program, she researched and developed the in-house software solutions for Foetron's efficiency enhancement programs.

We deeply appreciate her will to learn more, explore more and diligently work in the uncharted territories for becoming an effective contributing team member, despite the work limitations imposed by COVID-19 pandemic.

We wish her success in her future endeavors.

Sincerely,



Ankita Kashyap  
Foetron

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
**वनस्थली विद्यापीठ**  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
**BANASTHALI VIDYAPITH**  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

March 21, 2021

This is to certify that Ms. Anushka Pandey D/o Shri Sanjay Pandey is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17137.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648

## Certificate of Internship

This is to Certify that Ms. Anushree Singhal D/o Mr. Punit Singhal, student of B.Tech (CS) at Banasthali Vidhyapith has completed Internship-cum-training at our organization from 24<sup>th</sup> July 2020 to 10<sup>th</sup> December 2020.

Ms. Anushree worked in our Software Engineering Department and completed the project titled **Allen Career Institute Web Application**, for the award of the Bachelor of Technology (Computer Science) under the guidance of Mr. Sharad Mathur, System Analyst & Project Manager.

We found Ms. Anushree sincere and hard working. We wish her all the success for her future.

  
Anil sharma  
Head – Training & Knowledge  
Management.





School of Information Technology  
Indian Institute of Technology  
New Delhi 110016, India

**Prof. (Dr.) A.K. Bhateja**  
(Ex. Scientist 'H' & Director DFMM, DRDO, Delhi)

Date: 31<sup>th</sup> May 2021

To Whom it May Concern

This is to certify that Ms. Apoorva Jain, an undergraduate student of Banasthali Vidyapith has successfully completed her internship under my supervision in the project “Multi-object detection and tracking using traditional Machine Learning techniques” from July 2020 to December 2020.

A.K. Bhateja

Date: 15/12/2020

CSL/CBO/440158

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Apoorva Sharma D/o Mr. Anil Sharma pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Automatic Trading System in Python stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*  
*Kalyan*

*With Best Wishes,*

*From Compucom Software Limited*

*Rajesh Kumar Arora*  
*Arora*  
(Manager)

भारत सरकार  
अंतरिक्ष विभाग

## भारतीय सुदूर संवेदन संस्थान

4, कालिदास मार्ग, पो. बाक्स सं. 135  
देहरादून-248001, भारत  
दूरभाष : +91-135-2524399  
फैक्स : +91-135-2741987, 2748041



Government of India  
Department of Space

## Indian Institute of Remote Sensing

4, Kalidas Road, P.B. No. 135,  
Dehradun - 248001, India  
Telephone : +91-135-2524399  
Fax : +91-135-2741987, 2748041

### CERTIFICATE

This is to certify that **Ms. Arushi Badola, B. Tech. (Computer Science), Sem-V** student of Banasthali University, Rajasthan carried out her 6 months project work entitled “**SVM Classification of Landsat Images using Google Earth Engine**” under my guidance and supervision at Indian Institute of Remote Sensing, ISRO, Dehradun, Uttarakhand during July – December 2020.

Arushi is hard-working, dedicated and sincere student, eager to learn new things. I wish her successful career and a bright future.

**Dr. Vandita Srivastava**  
**Scientist/Engineer - 'SF' &**  
**In-charge, PPEG-Academics & RESPOND**

**Dated:** December 31, 2020



**KYSCENT/OA/HRD/2020**  
**15<sup>th</sup> December 2020**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Ayushi Pathak**, student of Bachelor of Technology (Computer Science Engineering), **Banasthali Vidyapith**, has carried out the project work titled “LISA-a Virtual Assistant” for 6 months at **KYSCENT LLP**. She proved to be a hardworking and exceptionally productive trainee and used her knowledge of software engineering very well towards her assigned work.

**Training Period:**                      **06<sup>th</sup> July 2020 – 11<sup>th</sup> Dec 2016**

**Project Title:**                         **“LISA-a Virtual Assistant”**

**Supervisor:**                            **Vikram Singh – Solution Specialist**

We wish her success in her future endeavors

Yours Sincerely,

**For KYSCENT LLP**

**Jagtar Singh**  
**Program Manager**



**MANTRA LABS PVT. LTD**  
ADDING VALUE TO YOUR BUSINESS

CIN : U72200KA2009PTC049142

Call Us : 080 4099 2941

Web : [www.mantralabsglobal.com](http://www.mantralabsglobal.com)

Email : [info@mantralabsglobal.com](mailto:info@mantralabsglobal.com)

**Date: January 13, 2021**

**Ref No: TRNE84**

**TO WHOM IT MAY CONCERN**

This is to certify that **Ms Ayushi Vadhera**, successfully completed her internship in the company **Mantra Labs Private Ltd, Bangalore**. Her tenure for the same was **July 13, 2020** **January 12, 2021**.

We wish her all the best for future endeavours.

Sincerely for

**Mantra Labs Private Limited.**

**Aishwarya Singh Jodha**

HR Manager

---

Regd. Office : 5064, Prestige Wellington Park, Gangamma Circle, Jalahalli, Bangalore 560013

Corporatate Office : 414, 7th Main Rd, HRBR Layout 1st Block, Kalyan Nagar, Bengaluru 560043

## **B. Tech TRAINING CERTIFICATE**

This is to certify that **Ms. Bhumika Sharma**, Smartcard ID. BTBTC17024 student of Banasthali Vidyapith, AIM&ACT, Banasthali, pursuing her B.Tech final year, has successfully completed her B.Tech Project Internship, which is the part of their degree at Applied Artificial Intelligence Group, Centre for Development of Advanced Computing, Pune for a period of 04 Months 17 days from 24<sup>th</sup> July, 2020 to 11<sup>th</sup> December, 2020. On the project entitled “**Word and phrase prediction tool**”.

The project code, paper, technology and all other resources which are either directly or indirectly being part of project are wholly the property of C-DAC, Pune. The technology novelty of the project can be published or disclosed only with the C-DAC's approval.

During the training we found her sincere and hardworking and we wish her all the success for her future.

  
**Mr. Shashi Pal Singh**  
Joint Director  
Applied AI Group, C-DAC, Pune



  
**Dr. Ajai Kumar**  
Senior Director & HoD  
Applied AI & GIST Group, C-DAC, Pune

Date: 11/12/2020



Celebrate the Girl Child  
and Enable Her Education

प्लॉट नंबर #20, एफसी-33,  
इंस्टिट्यूशनल एरिया, जसोला,  
नई दिल्ली-110025, भारत  
Plot No. #20, FC-33,  
Institutional Area, Jasola,  
New Delhi-110025, India  
www.cdac.in

Date: Jan 31, 2021

**To Whomsoever it may concern**

We are glad to inform that Ms. Deeksha Agrawal undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Artificial Intelligence & Machine Learning Technologies. She was found enthusiastic and excellent learner during his work on "Brain Computer Interface with grasp and lift EEG detection" project.

We found her inquisitive and hard working. She has done the outstanding work and put her best efforts while delving deep into the associated topics.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Priyanka Jain**  
Associate Director  
Artificial Intelligence Group  
CDAC-Delhi

**डॉ. प्रियंका रजत जैन / Dr. Priyanka Rajat Jain**  
सहयुक्त निदेशक / Associate Director  
सी-डैक / C-DAC, नई दिल्ली / New Delhi



**BeyondAlphabets**

[www.beyondalphabets.in](http://www.beyondalphabets.in)

19<sup>th</sup> December 2020

### Certificate

Certified that **Disha Aggarwal** has carried out the project work titled "**KuodaB2B**" from 1<sup>st</sup> July 2020 to 18th December 2020 for the award of the B.Tech **Computer Science** from **BeyondAlphabets** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

(SANJAY KUMAR NANDECHA)

Co-Founder

Noida

19<sup>th</sup> December 2020



रेलवे सूचना प्रणाली केन्द्र  
(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

## **TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Divya Ahuja** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20** to **20<sup>th</sup> Nov'20**

*Manoj Kumar*  
04/07/21

(Manoj Kumar)  
**Senior Project Engineer**  
**Manufacturing Unit Group**

दूरभाष/Phone: 011-23905222

फैक्स /Fax: 011-23919509



भारत सरकार, रक्षा मंत्रालय

GOVERNMENT OF INDIA, MINISTRY OF DEFENCE

रक्षा अनुसंधान एवं विकास संगठन

DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

नाभिकीय औषधि तथा संबद्ध विज्ञान संस्थान

INSTITUTE OF NUCLEAR MEDICINE & ALLIED SCIENCES

ब्रिगेडियर एस. के. मजूमदार मार्ग , दिल्ली -110054

BRIG. S.K. MAZUMDAR MARG, DELHI-110054

दिनांक/Date : 16 December 2020

## CERTIFICATE

This is to certify that the project entitled “**Visual Search and Trust in Human-Machine Teaming: Estimating Cognitive Workload using Eye Tracking only**” was carried out by Ms. Divya Gupta (B.TECH. Computer Science and Engineering, Banasthali Vidyapith) at **INSTITUTE OF NUCLEAR MEDICINE & ALLIED SCIENCES, DELHI** under my guidance during **July 01, 2020 to December 16, 2020.**

(Dr. Sushil Chandra)

Scientist 'G' & Addl. Director  
Head, Department of Biomedical Engg.

**डॉ. सुशील चन्द्र/Dr. SUSHIL CHANDRA**  
वैज्ञानिक 'जी' एवं अपर निदेशक /Scientist 'G' & Addl. Director  
विभागाध्यक्ष, जैव चिकित्सा अभियांत्रिकी/Head, Bio-Medical Engineering  
नाभिकीय औषधि तथा संबद्ध विज्ञान संस्थान  
Institute of Nuclear Medicine & Allied Sciences  
रक्षा अनुसंधान एवं विकास संगठन, रक्षा मंत्रालय  
Defence R&D Organisation, Ministry of Defence  
ब्रि. एस. के. मजूमदार मार्ग, तिमारपुर, दिल्ली-110054  
Brig. S. K. Mazumdar Marg, Timarpur, Delhi-110054

**STMicroelectronics Private. Ltd.**

Plot No.1, Knowledge Park-III  
Greater Noida – 201 308  
Uttar Pradesh, India  
Tel: +91-120-4003000  
Fax: +91-120-4003007  
Email: infostm.india@st.com  
CIN: U32109DL1990FTC039906  
www.st.com

**December 18, 2020**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Divyanshi AGARWAL** has undergone internship in our **ICT** Group from **August 10, 2020 to December 18, 2020**. She has successfully completed her project on: **HR Automation Project**.

During her internship period, she was found to be sincere and professional in her conduct.

We wish her all the best in her future endeavours.

for **STMicroelectronics Pvt. Ltd.**



**Parminder Singh WALIA**  
**India Talent Acquisition Head**





Date: Jan 31, 2021

### To Whomsoever it may concern

We are glad to inform that **Ms. Divyanshi Rastogi** undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Java based advanced Web and Database technologies including Java frameworks such as Spring and Hibernate. She has successfully completed her work on "Recruitment Application" project.

We found her inquisitive and hard working. She was inclined towards learning and put her best efforts while delving deep into the associated topics.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Anurag Rajput**  
Senior Technical Officer  
Software Technical Group  
CDAC-Delhi

Centre for Development  
of Advanced Computing  
(C-DAC)  
New Delhi (INDIA)



School of Information Technology  
Indian Institute of Technology  
New Delhi 110016, India

**Prof. (Dr.) A.K. Bhateja**  
(Ex. Scientist 'H' & Director DFMM, DRDO, Delhi)

Date: 26<sup>th</sup> June 2021

To Whom it May Concern

This is to certify that Ms. Aditi Dudeja, an undergraduate student of Banasthali Vidyapith has successfully completed her internship under my supervision in the project "Multi-object detection and tracking using traditional Machine Learning techniques" from July 2020 to December 2020.

A.K. Bhateja

प्रगत संगणन विकास केन्द्र  
CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

इलेक्ट्रॉनिक्स एवं सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार की एक वैज्ञानिक संस्था  
A Scientific Society of the Ministry of Electronics and Information Technology, Govt. of India



अनुसंधान भवन  
सी-56/1 संस्थागत क्षेत्र, सैक्टर-62,  
नोएडा-201 309 (उ.प्र) भारत  
Anusandhan Bhawan,  
C-56/1, Institutional Area, Sector-62  
Noida - 201 309 (U.P.) India  
फोन / Tel: +91-120-3063311-13  
फैक्स / Fax: +91-120-3063317  
www.cdac.in

Dated: 05.03.2021

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Aditi Tewari**, a 4<sup>th</sup> year student of B. Tech (CS) from Banasthali Vidyapath, Rajasthan affiliated to UGC (College Roll No BTBTC17270) has successfully completed Short Term Project Training in Education & Training Department of C-DAC, Noida, as a part of her course curriculum. The duration of her Project was from **09.08.2020 to 21.01.2021**.

The title of her Project is **"Virtual Training Environment"**

(MATHEW PHILIP)

Joint Director & Group Coordinator (HR & Admin)

- 
- पूणे / Pune : +91-20-2570 4100 • बेंगलुरु (नॉलेज पार्क) / Bangaluru (Knowledge Park) : +91-80-2524 4059/6823/6826
  - बेंगलुरु (इलेक्ट्रॉनिक्स सिटी) / Bangaluru (Electronics City) : +91-80-2852 3300 • नई दिल्ली / New Delhi : +91-11-2651 0221
  - हैदराबाद / Hyderabad : +91-40-2373 7124 • मुंबई / Mumbai : +91-022 2620 1606 • चेन्नई / Chennai : +91-44-2254 2226/27
  - कोलकाता / Kolkata : +91-33-2357 9846 / 5989 • मोहाली / Mohali : +91-172-223 7052/57
  - तिरुवनंतपुरम / Thiruvananthapuram : +91-471-272 3333 • सिलचर / Silchar : +91-8811080081



### Certificate

Certified that **Ms. Aishwarya Raje** has carried out the project work titled "**Chatbot Using Python**" from **1<sup>st</sup> July 2020 to 15<sup>th</sup> December 2020** for the award of the **Python & Django Framework** from **Ypsilon IT Solutions (P) Ltd**, under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

A handwritten signature in black ink that reads "Ina Maheshwari". The signature is written in a cursive style with a long horizontal stroke at the bottom.

**(Ina Maheshwari)**

**Designation: HR Manager**

**Place: Indore**

**Date: 17-12-2020**



Celebrate the Girl Child  
and Enable Her Education

प्लॉट नंबर #20, एफसी-33,  
इंस्टिट्यूशनल एरिया, जसोला,  
नई दिल्ली-110025, भारत  
Plot No. #20, FC-33,  
Institutional Area, Jasola,  
New Delhi-110025, India  
www.cdac.in

Date: Jan 31, 2021

**To Whomsoever it may concern**

We are glad to inform that Ms. Akanksha undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Artificial Intelligence & Machine Learning Technologies. She was found enthusiastic and excellent learner during her work on "Brain Computer Interface with EEG Signals" project.

We found her inquisitive and hard working. She has done the outstanding work and put her best efforts while delving deep into the associated topics.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Priyanka Jain**  
Associate Director  
Artificial Intelligence Group  
CDAC-Delhi

**डॉ. प्रियंका रजत जैन / Dr. Priyanka Rajat Jain**  
सहयुक्त निदेशक / Associate Director  
सी-डैक / C-DAC, नई दिल्ली / New Delhi

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
**वनस्थली विद्यापीठ**  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
**BANASTHALI VIDYAPITH**  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

March 21, 2021

This is to certify that Ms. Akshita D/o Shri Vivek Rathi is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17238.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648

**CRIS**

रेलवे सूचना प्रणाली केन्द्र  
(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Anjali Rajput** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20 to 20<sup>th</sup> Nov'20 (left prematurely)**.

During this Internship period she was lacking discipline.

*Manoj Kumar*  
*04/02/21*

**(Manoj Kumar)**  
**Senior Project Engineer**  
**Manufacturing Unit Group**

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
**वनस्थली विद्यापीठ**  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
**BANASTHALI VIDYAPITH**  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

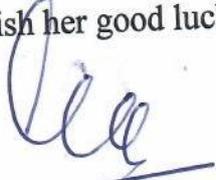
March 21, 2021

This is to certify that Ms. Anoushka Srivastava D/o Shri Anoop Kumar Srivastava is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17282.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

  
(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648



SpeckyFox Technologies India Pvt Ltd  
A89, Sector 65  
Noida, Uttar Pradesh, India, 201301  
Ph: +91-120-4699495

15th Dec, 2020

**TO WHOM IT MAY CONCERN**

This letter is to certify that Ms. Anshika Gupta (Roll no. 1712378) of Computer Science (B.Tech) from Banasthali Vidyapith, Rajasthan has successfully completed her internship program of 6 months with SpeckyFox Technologies India Pvt. Ltd. in Wizegain project in the frontend technology.

Her internship tenure was from 06<sup>th</sup> July, 2020 to 10<sup>th</sup> Dec, 2020. She was working actively & diligently involved in the projects and tasks assigned to her.

During the span, we found her punctual and hardworking person. Her learning powers are good and she picks up swiftly. Her feedback and evaluation proved that she learned keenly. Moreover, her interpersonal and communication skills are brilliant.

We wish her a bright future.

**FOR SPECKYFOX TECHNOLOGIES INDIA PVT LTD**

For SpeckyFox Technologies India Pvt. Ltd.

Director/Auth. Signatory

-----  
**Priya Tyagi**  
**Assistant Manager – Human Resources**  
**SpeckyFox Technologies India Pvt Ltd**

Date: 15/12/2020

CSL/CBO/440144

**CURRICULUM INTERNSHIP CERTIFICATE**

This is to certify that Miss Anshita Mahendra D/o Mr. Avinash Mahendra pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.

The duration of this project titled Hotel Resource Manager in PHP stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.

We wish her all the best for future endeavors.

Internship Coordinator: Mr. Kalyan Samanta  
Kalyan

With Best Wishes,  
From Compucom Software Limited

  
Rajesh Kumar Arora  
(Manager) ✓



1130-31, 11<sup>th</sup> Floor,  
Tower B3, Spaze iTech Park,  
Sector-49, Sohna Road  
Gurgaon-122018

14<sup>th</sup> December 2020

## **To whomsoever it may concern**

It is our pleasure to report that Anusha Verma has successfully completed her 6-months FLAG traineeship program with Foetron.

In the period that Anusha worked in our program, she researched and developed the in-house software solutions for Foetron's efficiency enhancement programs.

We deeply appreciate her will to learn more, explore more and diligently work in the uncharted territories for becoming an effective contributing team member, despite the work limitations imposed by COVID-19 pandemic.

We wish her success in her future endeavors.

Sincerely,



Ankita Kashyap  
Foetron

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
**वनस्थली विद्यापीठ**  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
**BANASTHALI VIDYAPITH**  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

March 21, 2021

This is to certify that Ms. Anushka Pandey D/o Shri Sanjay Pandey is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17137.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648

## Certificate of Internship

This is to Certify that Ms. Anushree Singhal D/o Mr. Punit Singhal, student of B.Tech (CS) at Banasthali Vidhyapith has completed Internship-cum-training at our organization from 24<sup>th</sup> July 2020 to 10<sup>th</sup> December 2020.

Ms. Anushree worked in our Software Engineering Department and completed the project titled **Allen Career Institute Web Application**, for the award of the Bachelor of Technology (Computer Science) under the guidance of Mr. Sharad Mathur, System Analyst & Project Manager.

We found Ms. Anushree sincere and hard working. We wish her all the success for her future.

  
Anil sharma  
Head – Training & Knowledge  
Management.





School of Information Technology  
Indian Institute of Technology  
New Delhi 110016, India

**Prof. (Dr.) A.K. Bhateja**  
(Ex. Scientist 'H' & Director DFMM, DRDO, Delhi)

Date: 31<sup>th</sup> May 2021

To Whom it May Concern

This is to certify that Ms. Apoorva Jain, an undergraduate student of Banasthali Vidyapith has successfully completed her internship under my supervision in the project "Multi-object detection and tracking using traditional Machine Learning techniques" from July 2020 to December 2020.

A.K. Bhateja

Date: 15/12/2020

CSL/CBO/440158

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Apoorva Sharma D/o Mr. Anil Sharma pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Automatic Trading System in Python stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*  
*Kalyan*

*With Best Wishes,*

*From Compucom Software Limited*

*Rajesh Kumar Arora*  
*Arora*  
*(Manager)*



भारत सरकार  
अंतरिक्ष विभाग

भारतीय सुदूर संवेदन संस्थान

4, कालिदास मार्ग, पो. बाक्स सं. 135

देहरादून-248001, भारत

दूरभाष : +91-135-2524399

फैक्स : +91-135-2741987, 2748041



सत्यमेव जयते

Government of India  
Department of Space

**Indian Institute of Remote Sensing**

4, Kalidas Road, P.B. No. 135,

Dehradun - 248001, India

Telephone : +91-135-2524399

Fax : +91-135-2741987, 2748041

## CERTIFICATE

This is to certify that **Ms. Arushi Badola, B. Tech. (Computer Science), Sem-V** student of Banasthali University, Rajasthan carried out her 6 months project work entitled “**SVM Classification of Landsat Images using Google Earth Engine**” under my guidance and supervision at Indian Institute of Remote Sensing, ISRO, Dehradun, Uttarakhand during July – December 2020.

Arushi is hard-working, dedicated and sincere student, eager to learn new things. I wish her successful career and a bright future.

**Dr. Vandita Srivastava**  
**Scientist/Engineer - 'SF' &**  
**In-charge, PPEG-Academics & RESPOND**

**Dated:** December 31, 2020



**KYSCENT/OA/HRD/2020**  
**15<sup>th</sup> December 2020**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Ayushi Pathak**, student of Bachelor of Technology (Computer Science Engineering), **Banasthali Vidyapith**, has carried out the project work titled “LISA-a Virtual Assistant” for 6 months at **KYSCENT LLP**. She proved to be a hardworking and exceptionally productive trainee and used her knowledge of software engineering very well towards her assigned work.

**Training Period:**                      **06<sup>th</sup> July 2020 – 11<sup>th</sup> Dec 2016**

**Project Title:**                        **“LISA-a Virtual Assistant”**

**Supervisor:**                         **Vikram Singh – Solution Specialist**

We wish her success in her future endeavors

Yours Sincerely,

**For KYSCENT LLP**

**Jagtar Singh**  
**Program Manager**



**MANTRA LABS PVT. LTD**  
ADDING VALUE TO YOUR BUSINESS

CIN : U72200KA2009PTC049142

Call Us : 080 4099 2941

Web : [www.mantralabsglobal.com](http://www.mantralabsglobal.com)

Email : [info@mantralabsglobal.com](mailto:info@mantralabsglobal.com)

**Date: January 13, 2021**

**Ref No: TRNE84**

**TO WHOM IT MAY CONCERN**

This is to certify that **Ms Ayushi Vadhera**, successfully completed her internship in the company **Mantra Labs Private Ltd, Bangalore**. Her tenure for the same was **July 13, 2020** **January 12, 2021**.

We wish her all the best for future endeavours.

Sincerely for

**Mantra Labs Private Limited.**

**Aishwarya Singh Jodha**

HR Manager

---

Regd. Office : 5064, Prestige Wellington Park, Gangamma Circle, Jalahalli, Bangalore 560013

Corporatate Office : 414, 7th Main Rd, HRBR Layout 1st Block, Kalyan Nagar, Bengaluru 560043

## **B. Tech TRAINING CERTIFICATE**

This is to certify that **Ms. Bhumika Sharma**, Smartcard ID. BTBTC17024 student of Banasthali Vidyapith, AIM&ACT, Banasthali, pursuing her B.Tech final year, has successfully completed her B.Tech Project Internship, which is the part of their degree at Applied Artificial Intelligence Group, Centre for Development of Advanced Computing, Pune for a period of 04 Months 17 days from 24<sup>th</sup> July, 2020 to 11<sup>th</sup> December, 2020. On the project entitled “**Word and phrase prediction tool**”.

The project code, paper, technology and all other resources which are either directly or indirectly being part of project are wholly the property of C-DAC, Pune. The technology novelty of the project can be published or disclosed only with the C-DAC's approval.

During the training we found her sincere and hardworking and we wish her all the success for her future.

  
**Mr. Shashi Pal Singh**  
Joint Director  
Applied AI Group, C-DAC, Pune



  
**Dr. Ajai Kumar**  
Senior Director & HoD  
Applied AI & GIST Group, C-DAC, Pune

Date: 11/12/2020



Celebrate the Girl Child  
and Enable Her Education

प्लॉट नंबर #20, एफसी-33,  
इंस्टिट्यूशनल एरिया, जसोला,  
नई दिल्ली-110025, भारत  
Plot No. #20, FC-33,  
Institutional Area, Jasola,  
New Delhi-110025, India  
www.cdac.in

Date: Jan 31, 2021

**To Whomsoever it may concern**

We are glad to inform that Ms. Deeksha Agrawal undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Artificial Intelligence & Machine Learning Technologies. She was found enthusiastic and excellent learner during his work on "Brain Computer Interface with grasp and lift EEG detection" project.

We found her inquisitive and hard working. She has done the outstanding work and put her best efforts while delving deep into the associated topics.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Priyanka Jain**  
Associate Director  
Artificial Intelligence Group  
CDAC-Delhi

**डॉ. प्रियंका रजत जैन / Dr. Priyanka Rajat Jain**  
सहयुक्त निदेशक / Associate Director  
सी-डैक / C-DAC, नई दिल्ली / New Delhi



**BeyondAlphabets**

[www.beyondalphabets.in](http://www.beyondalphabets.in)

19<sup>th</sup> December 2020

### Certificate

Certified that **Disha Aggarwal** has carried out the project work titled "**KuodaB2B**" from 1<sup>st</sup> July 2020 to 18th December 2020 for the award of the B.Tech **Computer Science** from **BeyondAlphabets** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

(SANJAY KUMAR NANDECHA)

Co-Founder

Noida

19<sup>th</sup> December 2020



रेलवे सूचना प्रणाली केन्द्र  
(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

## **TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Divya Ahuja** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20** to **20<sup>th</sup> Nov'20**

*Manoj Kumar*  
04/07/21

(Manoj Kumar)  
**Senior Project Engineer**  
**Manufacturing Unit Group**

दूरभाष/Phone: 011-23905222

फैक्स /Fax: 011-23919509



भारत सरकार, रक्षा मंत्रालय

GOVERNMENT OF INDIA, MINISTRY OF DEFENCE

रक्षा अनुसंधान एवं विकास संगठन

DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

नाभिकीय औषधि तथा संबद्ध विज्ञान संस्थान

INSTITUTE OF NUCLEAR MEDICINE & ALLIED SCIENCES

ब्रिगेडियर एस. के. मजूमदार मार्ग , दिल्ली -110054

BRIG. S.K. MAZUMDAR MARG, DELHI-110054

दिनांक/Date : 16 December 2020

## CERTIFICATE

This is to certify that the project entitled “**Visual Search and Trust in Human-Machine Teaming: Estimating Cognitive Workload using Eye Tracking only**” was carried out by Ms. Divya Gupta (B.TECH. Computer Science and Engineering, Banasthali Vidyapith) at **INSTITUTE OF NUCLEAR MEDICINE & ALLIED SCIENCES, DELHI** under my guidance during **July 01, 2020 to December 16, 2020.**

(Dr. Sushil Chandra)

Scientist 'G' & Addl. Director  
Head, Department of Biomedical Engg.

**डॉ. सुशील चन्द्र/Dr. SUSHIL CHANDRA**  
वैज्ञानिक 'जी' एवं अपर निदेशक /Scientist 'G' & Addl. Director  
विभागाध्यक्ष, जैव चिकित्सा अभियांत्रिकी/Head, Bio-Medical Engineering  
नाभिकीय औषधि तथा संबद्ध विज्ञान संस्थान  
Institute of Nuclear Medicine & Allied Sciences  
रक्षा अनुसंधान एवं विकास संगठन, रक्षा मंत्रालय  
Defence R&D Organisation, Ministry of Defence  
ब्रि. एस. के. मजूमदार मार्ग, तिमारपुर, दिल्ली-110054  
Brig. S. K. Mazumdar Marg, Timarpur, Delhi-110054

**STMicroelectronics Private. Ltd.**

Plot No.1, Knowledge Park-III  
Greater Noida – 201 308  
Uttar Pradesh, India  
Tel: +91-120-4003000  
Fax: +91-120-4003007  
Email: infostm.india@st.com  
CIN: U32109DL1990FTC039906  
www.st.com

**December 18, 2020**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Divyanshi AGARWAL** has undergone internship in our **ICT** Group from **August 10, 2020 to December 18, 2020**. She has successfully completed her project on: **HR Automation Project**.

During her internship period, she was found to be sincere and professional in her conduct.

We wish her all the best in her future endeavours.

for **STMicroelectronics Pvt. Ltd.**



**Parminder Singh WALIA**  
**India Talent Acquisition Head**





Date: Jan 31, 2021

**To Whomsoever it may concern**

We are glad to inform that **Ms. Divyanshi Rastogi** undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Java based advanced Web and Database technologies including Java frameworks such as Spring and Hibernate. She has successfully completed her work on "Recruitment Application" project.

We found her inquisitive and hard working. She was inclined towards learning and put her best efforts while delving deep into the associated topics.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Anurag Rajput**  
Senior Technical Officer  
Software Technical Group  
CDAC-Delhi

Centre for Development  
of Advanced Computing  
(C-DAC)  
New Delhi (INDIA)

Date: 15/12/2020

CSL/CBO/440148

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Era Dhingra D/o Mr. Prem Pal Dhingra pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Event Management System in PHP stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*

*With Best Wishes,*

*From Compucom Software Limited*

  
*Rajesh Arora*  
*Rajesh Kumar Arora*  
(Manager)

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
वनस्थली विद्यापीठ  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
BANASTHALI VIDYAPITH  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

March 21, 2021

This is to certify that Ms. Esha Agarwal D/o Shri Dinesh Kumar Agarwal is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17303.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648

Date: Jan 31, 2021

**To Whomsoever it may concern**

We are glad to inform that **Ms. Gahna Kapoor** undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Java based advanced Web and Database technologies including Java frameworks such as Spring and Hibernate. She has successfully completed her work on “Automatic Text Visualization System: Preksha-PREKSHA WEB” project.

Her association with us was very fruitful and we wish her all the best for her future endeavours.



**Anurag Rajput**  
Senior Technical Officer  
Software Technical Group  
CDAC-Delhi

**Centre for Development  
of Advanced Computing  
(C-DAC)  
New Delhi (INDIA)**



19<sup>th</sup> December 2020

## Certificate

Certified that **Gayatri Dobhal** has carried out the project work titled “**KuodaB2B**” from 1<sup>st</sup> July 2020 to 18th December 2020 for the award of the B.Tech **Computer Science** from **BeyondAlphabets** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

(SANJAY KUMAR NANDECHA)

Co-Founder

Noida

19<sup>th</sup> December 2020



 206, Style Plaza, Jharsa Road,  
Sector-15/1, Gurgaon-122001, Haryana, India

 GSTIN: 06AFFPG4709J1ZJ

 +91-124-4113617, 8851948280, 9899194863

 [contactus@giitsolutions.com](mailto:contactus@giitsolutions.com),

 [www.giitsolutions.com](http://www.giitsolutions.com)

Feb 1, 2021

**TO WHOM IT MAY CONCERN**

This is to certify that **Miss. Gurleen Kaur Bindra, D/o Mr. Sukhjinder Singh Bindra**, successfully completed 6 months internship as a **Web Developer Intern** position from **02<sup>nd</sup> July 2020 to 02<sup>nd</sup> Jan 2021**.

During her internship with us she was found punctual, hardworking and inquisitive. She is very interested to learn the software development and successfully meets the objectives. Gurleen shows a lot of promise and skill in her work and we wish her all the best in all her future endeavors.

**Best wishes for your future.**

*Neel*

GIIT SOLUTIONS  
GSTIN. 06AFFPG4709J1ZJ  
Shop No.-206, Style Plaza, Jharsa Road  
Sector-15 Part-I, Gurgaon-122001

Neelam Lakhi

HR Manager,  
GIIT Solutions



 206, Style Plaza, Jharsa Road,  
Sector-15/1, Gurgaon-122001, Haryana, India

 GSTIN: 06AFFPG4709J1ZJ

 +91-124-4113617, 8851948280, 9899194863

 [contactus@giitsolutions.com](mailto:contactus@giitsolutions.com),

 [www.giitsolutions.com](http://www.giitsolutions.com)

Feb 1, 2021

**TO WHOM IT MAY CONCERN**

This is to certify that **Miss. Harshita Saxena, D/o Mr. Manoj Kumar Saxena**, successfully completed 6 months internship as a **Web Developer Intern** position from **31<sup>st</sup> July 2020 to 31<sup>st</sup> Jan 2021**.

During her internship with us she was found punctual, hardworking and inquisitive. She is very interested to learn the software development and successfully meets the objectives. Harshita shows a lot of promise and skill in her work and we wish her all the best in all her future endeavors.

**Best wishes for your future.**

*Neel*

GIIT SOLUTIONS  
GSTIN. 06AFFPG4709J1ZJ  
Shop No.-206, Style Plaza, Jharsa Road  
Sector-15 Part-I, Gurgaon-122001

Neelam Lakhi

HR Manager,  
GIIT Solutions

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
वनस्थली विद्यापीठ  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
BANASTHALI VIDYAPITH  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

March 21, 2021

This is to certify that Ms. Himani Bhatt D/o Shri Harish Chandra Bhatt is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17256.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648

# Instructions and Guidelines during Internship

1. Trainees will be required to observe office timings of CRIS from monday to saturday and in case of delays they may be required to work from home.
2. Trainees must have a laptop of requisite configuration with at least 8 GB RAM, processor and wifi to create environment of Python & Django framework/ Eclipse IDE/ .net with crystal report/ SQL Server database / Postgres database or any other.
3. Should have good quality data connections to remain well connected with the CRIS team from home for doing their assignments from home, whenever required.
4. Trainees will not be permitted to pursue in any other course either full or part time during the entire training period.
5. Trainees will be granted out of station leave in case of urgency and health issue only after prior intimation/ sanction/submission of supporting documents.
6. Trainees will be granted leave on campus interview with prior notification from your placement incharge of college/institution.
7. Trainees will have to maintain attendance not less than 95%(office+WFH) failing which training period will be extended with intimation to college/institution.
8. All other rules and regulations amended from time to time will be applicable.

9. Training Certificate will be issued only after successful completion of training period at CRIS.

10. Training will download aarogya setu app and will take all necessary precautions against COVID 19 as per guidelines being issued by Govt of India.

11. During COVID-19, WFH will be preferred as per guidelines

12. Training will be required to attend at least 2 months in office in case of WFH due to COVID 19 to have exposure to office culture.

13. Trainees will not be permitted to share any data given for doing assignment(outside CRIS

I hereby agree that I have read the instructions and guidelines of internship training at CRIS, New Delhi and abide by them during the internship period.

**NAME & SIGNATURE**

**Roll No:BTBTC17256**

Himani Bhatt

A handwritten signature in black ink, appearing to read 'Himani Bhatt', written over a horizontal line.



Celebrate the Girl Child  
and Enable Her Education

प्लॉट नंबर #20, एफसी-33,  
इंस्टिट्यूशनल एरिया, जसोला,  
नई दिल्ली-110025, भारत  
Plot No. #20, FC-33,  
Institutional Area, Jasola,  
New Delhi-110025, India  
www.cdac.in

Date: Jan 31, 2021

**To Whomsoever it may concern**

We are glad to inform that Ms. Himani undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Artificial Intelligence & Machine Learning Technologies. She was found enthusiastic and motivated learner during her work on "Brain Computer Interface with EEG Signals" project.

We found her inquisitive and hard working. She was inclined towards learning and put her best efforts while delving deep into the associated topics.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Priyanka Jain**  
Associate Director  
Artificial Intelligence Group  
CDAC-Delhi

**डॉ. प्रियंका रजत जैन / Dr. Priyanka Rajat Jain**  
सहयुक्त निदेशक / Associate Director  
सी-डैक / C-DAC, नई दिल्ली / New Delhi

Date: 15/12/2020

CSL/CBO/ 440143

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Jaya Mishra D/o Mr. Sanjay Kumar Mishra pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Digital News in PHP stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*

*With Best Wishes,*

*From Compucom Software Limited*

  
Rajesh Kumar Arora  
(Manager)



Celebrate the Girl Child  
and Enable Her Education

प्लॉट नंबर #20, एफसी-33,  
इंस्टिट्यूशनल एरिया, जसोला,  
नई दिल्ली-110025, भारत  
Plot No. #20, FC-33,  
Institutional Area, Jasola,  
New Delhi-110025, India  
www.cdac.in

Date: Jan 31, 2021

**To Whomsoever it may concern**

We are glad to inform that Ms. Jigyasa undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Artificial Intelligence & Machine Learning Technologies. She was found enthusiastic and motivated learner during her work on "Application of P300 Potential in BCI" project.

We found her very inquisitive and hard working. She was inclined towards learning and put her best efforts while delving deep into the associated topics.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Priyanka Jain**  
Associate Director  
Artificial Intelligence Group  
CDAC-Delhi

**डॉ. प्रियंका रजत जैन / Dr. Priyanka Rajat Jain**  
सहयुक्त निदेशक / Associate Director  
सी-डैक / C-DAC, नई दिल्ली / New Delhi

**CETPA**<sup>®</sup>

*Because Knowledge Matters*

ISO 9001:2015 Certified

**CETPA INFOTECH PVT. LTD.**

(An ISO 9001 : 2015 CERTIFIED COMPANY)

Corporate Office.: D-58, Sec-2, Red FM Lane, Near Sec-16 Metro Station, Noida -201301(U.P.)

Ph.: 0120-4535353, +91-7533007522

Regd. No.: U72100UR2005PTC031052

Ref. *Intern\_ESData257\_25\_2020*

Date. *3/8/2021*

**TO WHOMSOEVER IT MAY CONCERN**

*This is to certify that*

*Ms KAJAL ROUT*

*student of*

*Banasthali Vidyapith*

*has successfully completed (6 Weeks)*

*Internship*

*on*

*Data Analytics*

*started from*

*Saturday, July 25, 2020*

*from*

*CETPA Infotech Pvt. Ltd.*

*We wish her all success in future.*



*Vaibhaw Singh*

*(CETPA Infotech Pvt. Ltd.)*

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
**वनस्थली विद्यापीठ**  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
**BANASTHALI VIDYAPITH**  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

March 21, 2021

This is to certify that Ms. Kanika Choudhary D/o Shri Vinod Kumar Choudhary is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17250.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

  
(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648

Date: January 16, 2021

### INTERNSHIP CERTIFICATE

This is to certify that **Miss Khushi Khurana** has completed a technical internship from **July 03, 2020, to January 03, 2021**, with Protovo Solutions LLP, Jaipur.

During this time, she has exhibited great interest and enthusiasm. She worked on the project named - "**Listeo**", under the topic "**A comprehensive study of web app development using PHP & it's Framework**"

She has completed the project successfully.

We value her contribution to **Protovo Solutions LLP** in terms of doing the web app development, insights, and recommendation of her project report.

We wish her a good life and better opportunities for employment.

Thanking You,

For Protovo Solutions LLP



Vishal Jagetia

Founder & Director

Date: 15/12/2020

CSL/CBO/440154

**CURRICULUM INTERNSHIP CERTIFICATE**

This is to certify that **Miss Kritika Singh D/o Mr. Naresh Kumar** pursuing **B.Tech(CS)** from **Banasthali University** has successfully completed her project training from our organization.

The duration of this project titled **Automatic Trading System in Python** stream was from **1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020**. During this period, her performance was good.

We wish her all the best for future endeavors.

Internship Coordinator: **Mr. Kalyan Samanta**

With Best Wishes,

From Compucom Software Limited

*Rajesh Arora*  
**Rajesh Kumar Arora**  
(Manager)



मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
वनस्थली विद्यापीठ  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
BANASTHALI VIDYAPITH  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

March 21, 2021

This is to certify that Ms. Lavanya Chugh D/o Shri Vipin Chugh is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC 17104.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648

Friday, 13 November 2020

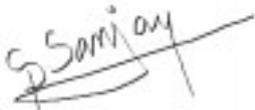
**To whomsoever it may concern**

We are glad to inform you that **Mahak Gupta** from **Banasthali**, has successfully completed the internship at NetArt from **11 June 2020** to **12 November 2020**

During the internship, **Mahak Gupta** was exposed to the various activities in Design and Development

We found her extremely inquisitive and hard working.

Her association with us was very fruitful and we wish her all the best in her future endeavours.

A handwritten signature in black ink that reads "Sanjay".

**Sanjay,**

Managing Partner,

NetArt

11/77 A.K complex Rabindranath Tagore Road,  
Ganapathy, Coimbatore – 641006

email: [work@netart.io](mailto:work@netart.io)

Website: <https://netart.io>



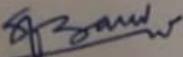
भारत सरकार, रक्षा मंत्रालय  
पद्धति अध्ययन एवं विश्लेषण संस्थान  
रक्षा अनुसंधान तथा विकास संगठन  
मेटकाफ भवन, दिल्ली - 110054  
फोन: +91-11-23882128  
फैक्स: +91-11-23819033  
ईमेल: director@issa.drdo.in

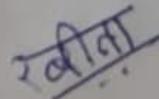


Govt. of India, Min of Defence  
Institute for Systems Studies & Analyses  
Defence R & D Organization  
Metcalfe House, Delhi-110054  
Phone: +91-11-23882128  
Fax No: +91-11-23819033  
E-mail: director@issa.drdo.in  
दिनांक/Date: 18 December 2020  
सं./ No: ISSA/HRD/Stud\_Trg/2020

### प्रशिक्षण प्रमाणपत्र / TRAINING CERTIFICATE

This is to certify that **MS. Mahima Rastogi (Roll No. BTBTC17195)**, student of **B. Tech (Computer Science)** from '**Banasthali University, Rajasthan**' has worked on project titled '**Design and Development of Constructive Simulation Module**' under the supervision of **Sh. Syed Feroz Zainvi, Scientist 'F'**, Institute for Systems Studies and Analyses, Defence R & D Organisation, Ministry of Defence during **01 July 2020 to 18 Dec. 2020**. She has completed her project successfully.

  
(सैयद फिरोज जैनवी/Syed Feroz Zainvi)  
वैज्ञ. 'एफ' / Scientist 'F'  
परियोजना गाइड / Project Guide

  
(एन रबीता देवी / N Rabita Devi)  
वैज्ञ. 'ई' एवं विभागाध्यक्ष (मा.स.वि)  
Scientist 'E' & DH (HRD)



**CRIS**

रेलवे सूचना प्रणाली केन्द्र  
(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Mansi Gupta** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20 to 20<sup>th</sup> Nov'20 (left prematurely)**.

During this Internship period she was lacking discipline.

*Manoj Kumar*  
*04/02/21*

**(Manoj Kumar)**  
**Senior Project Engineer**  
**Manufacturing Unit Group**



Celebrate the Girl Child  
and Enable Her Education

प्लॉट नंबर #20, एफसी-33,  
इंस्टिट्यूशनल एरिया, जसोला,  
नई दिल्ली-110025, भारत  
Plot No. #20, FC-33,  
Institutional Area, Jasola,  
New Delhi-110025, India  
www.cdac.in

Date: Jan 31, 2021

### To Whomsoever it may concern

We are glad to inform that **Ms. Mansi Singh** undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Java based advanced Web and Database technologies including Java frameworks such as Spring and Hibernate. She has successfully completed her work on “**General Form in HRMS Module of ERP system**” project.

We found her inquisitive and hard working. She was inclined towards learning and put her best efforts while delving deep into the associated topics.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Anurag Rajput**  
Senior Technical Officer  
Software Technical Group  
CDAC-Delhi

Centre for Development  
of Advanced Computing  
(C-DAC)  
New Delhi (INDIA)



✉ [hr@celebaltech.com](mailto:hr@celebaltech.com)  
[enterprisesales@celebaltech.com](mailto:enterprisesales@celebaltech.com)



[www.celebaltech.co](http://www.celebaltech.co)

m 📞 0141-4700659

📍 India A-2 7th floor, UDB Corporate Tower,  
J.L.N. Marg, Jaipur

### **To Whomsoever it May Concern**

On behalf of Celebal Technologies Private Limited, I certify that Meenal Maheshwari has successfully completed her internship with the Company from July 01, 2020 to November 30, 2020. Her prime focus was in the area of Data Science under the leadership of Mr. Padmaj Srivastav. She was a stupendous addition to our team and we really appreciate all her efforts during her stay with us.

We wish her all the very best for her future endeavours.

Sincerely,

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

Neelam Agarwal

(Senior HR Manager)

---

A2, 7<sup>th</sup> Floor, UDB Corporate Tower, Near Jawahar Circle, Jaipur, Rajasthan 302017

Date: 15/12/2020

CSL/CBO/440147

**CURRICULUM INTERNSHIP CERTIFICATE**

This is to certify that **Miss Megha Kumari D/o Mr. Sanjay Singh** pursuing **B.Tech(CS)** from **Banasthali University** has successfully completed her project training from our organization.

The duration of this project titled **Event Management System in PHP** stream was from **1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020**. During this period, her performance was good.

We wish her all the best for future endeavors.

Internship Coordinator: **Mr. Kalyan Samanta**

With Best Wishes,

From **Compucom Software Limited**

  
**Rajesh Kumar Arora**  
(Manager)



Excellence in Education  
with  
Character Building

चरित्र निर्माण  
युक्त  
उत्कृष्ट शिक्षा

मानवतावादी अध्ययन विभाग  
भारतीय प्रौद्योगिकी संस्थान  
(काशी हिन्दू विश्वविद्यालय) वाराणसी  
**DEPARTMENT OF HUMANISTIC STUDIES**  
**Indian Institute of Technology**  
**(Banaras Hindu University) Varanasi**

☎ : 91-542-2366623;

Fax : 91-542-2368428;

E-mail : sukhada.hss@iitbhu.ac.in;

Website : www.iitbhu.ac.in/hss

Ref. No.: IIT(BHU)/HS/2020-21/164

Date: 18 December, 2020

## To whomsoever it may concern

This is to certify that **Ms. Meghana Singh, B.tech. (Computer Science)**, Banasthali Vidyapith, Rajasthan successfully completed her six-month long internship from **01<sup>st</sup> July, 2020** to **17<sup>th</sup> Dec, 2020** on Development of **“Language Communicator” (an NLP based Authoring tool cum Machine Translation System)** under my guidance.

She had been majorly involved in research activities and project management. During her internship program with us, she was exposed to different NLP activities.

We wish her every success in her life and career.

Dr. Sukhada

Assistant Professor

Department of Humanistic Studies

IIT (BHU), Varanasi, India

सहायक आचार्य/Asstt. Professor  
मानवतावादी अध्ययन विभाग/Department of Humanistic Studies  
भारतीय प्रौद्योगिकी संस्थान/Indian Institute of Technology  
(काशी हिन्दू विश्वविद्यालय)/(Banaras Hindu University)  
वाराणसी-२२१००५ (उ०प्र०)/Varanasi-221005 (U.P.)



एक कदम स्वच्छता की ओर

Date: January 16, 2021

## INTERNSHIP CERTIFICATE

This is to certify that **Miss Monica Dwivedi** has completed a technical internship from **July 03, 2020, to January 03, 2021**, with **Protovo Solutions LLP, Jaipur**.

During this time, she has exhibited great interest and enthusiasm. She worked on the project named - "**Listeo**", under the topic "**A comprehensive study of web app development using PHP & it's Framework**"

She has completed the project successfully.

We value her contribution to **Protovo Solutions LLP** in terms of doing the web app development, insights, and recommendation of her project report.

We wish her a good life and better opportunities for employment.

Thanking You,

For **Protovo Solutions LLP**



**Vishal Jagetia**

Founder & Director

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
**वनस्थली विद्यापीठ**  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
**BANASTHALI VIDYAPITH**  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

March 21, 2021

This is to certify that Ms. Muskan Gupta D/o Shri Munesh Kumar Gupta is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17161.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

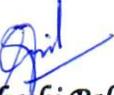
(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648

## B. Tech TRAINING CERTIFICATE

This is to certify that **Ms. Muskan Swami**, Smartcard ID. BTBTC17231 student of Banasthali Vidyapith, AIM&ACT, Banasthali, pursuing her B.Tech final year, has successfully completed her B.Tech Project Internship, which is the part of their degree at Applied Artificial Intelligence Group, Centre for Development of Advanced Computing, Pune for a period of 04 Months 17 days from 24<sup>th</sup> July, 2020 to 11<sup>th</sup> December, 2020. On the project entitled "**Pattern Extraction and Evolution for Knowledge Representation**".

The project code, paper, technology and all other resources which are either directly or indirectly being part of project are wholly the property of C-DAC, Pune. The technology novelty of the project can be published or disclosed only with the C-DAC's approval.

During the training we found her sincere and hardworking and we wish her all the success for her future.

  
**Mr. Shashi Pal Singh**  
Joint Director  
Applied AI Group, C-DAC, Pune



  
**Dr. Ajai Kumar**  
Senior Director & HoD  
Applied AI & GIST Group, C-DAC, Pune

Date: 11/12/2020



Date: Jan 31, 2021

**To Whomsoever it may concern**

We are glad to inform that **Ms. Namrata Jha** undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 25, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Artificial Intelligence & Machine Learning Technologies. She was found enthusiastic and motivated learner during her work on "**Application of P300 Potential in BCI**" project.

We found her inquisitive and hard working. She was inclined towards learning and put her best efforts while delving deep into the associated topics.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Priyanka Jain**  
Associate Director  
Artificial Intelligence Group

डॉ. प्रियंका रजत जैन / Dr. Priyanka Rajat Jain  
सहयुक्त निदेशक / Associate Director  
सी-डैक / C-DAC, नई दिल्ली / New Delhi

**CRIS**

रेलवे सूचना प्रणाली केन्द्र  
(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

**TO WHOM SO EVER IT MAY CONCERN**

his is to certify that **Neha Sharma** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20** to **20<sup>th</sup> Nov'20** (left Prematurely).

*Manoj Kumar*  
*04/02/21*

**(Manoj Kumar)**  
**Senior Project Engineer**  
**Manufacturing Unit Group**

Date: 11/12/2020

CSL/CBO/440085

**COMPUCOM**  
SOFTWARE LIMITED

**CURRICULUM INTERNSHIP CERTIFICATE**

Jaipur, Rajasthan - 302022, India  
Ph. : +91-141-5115908 (10 Lines), 2770131  
Fax : +91-141-2770335  
E-mail : fin@compucom.co.in  
CIN : L72200RJ1995PLC009798

This is to certify that **Miss Nidhi Kumari D/o Mr. Anil Kumar Singh** pursuing **B.Tech(CS)** from **Banasthali University** has successfully completed her project training from our organization.

The duration of this project titled **Hotel Resource Manager in PHP** stream was from **1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020**. During this period, her performance was good.

We wish her all the best for future endeavors.

Internship Coordinator: Mr. Kalyan Samanta

With Best Wishes,

From Compucom Software Limited ✓

  
Rajesh Kumar Arora

(Manager)

Date: 11/12/2020

CSL/CBO/440093

**CURRICULUM INTERNSHIP CERTIFICATE**

This is to certify that **Miss Nidhi Kumari D/o Mr. Anil Dubey** pursuing **B.Tech(CS)** from **Banasthali University** has successfully completed her project training from our organization.

The duration of this project titled **Training Manager in PHP stream** was from **1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020**. During this period, her performance was good.

We wish her all the best for future endeavors.

Internship Coordinator: **Mr. Kalyan Samanta**

With Best Wishes,

From Compucom Software Limited ✓

  
Rajesh Kumar Arora

(Manager)

**CRIS**

रेलवे सूचना प्रणाली केन्द्र  
(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Nishka Katoch** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20 to 20<sup>th</sup> Nov'20 (left prematurely)**.

During this Internship period she was lacking discipline.

*Manoj Kumar*  
*04/02/21*

(Manoj Kumar)  
Senior Project Engineer  
Manufacturing Unit Group

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
वनस्थली विद्यापीठ  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
BANASTHALI VIDYAPITH  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

## Certificate

Certified that **Ms. Ojaswita Negi** has carried out the project work titled "**Placement Information System**" from **July 2020** to **December 2020** for the award of the **B.Tech. (Computer Science)** from **Banasthali Vidyapith** under my supervision. The report embodies result of original work and studies carried out by **Ojaswita** herself and the contents of the report do not form the basis for the award of any other degree to the candidate or to anybody else.

*Kusum*  
16/12/2020  
(Kusum Gupta)

Professor Computer Science

Banasthali Vidyapith

16 December 2020

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
वनस्थली विद्यापीठ  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
BANASTHALI VIDYAPITH  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

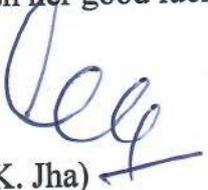
March 21, 2021

This is to certify that Ms. Padmini Rai D/o Shri Prabhat Kumar Rai is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17272.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

  
(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648



Cisco Systems (India) Private Limited  
SEZ, Cessna Business Park,  
Sarjapur Marathalli Outer Ring Road  
Bengaluru - 560 103, India  
CIN: U31909KA1995PTC019505  
Tel : 91-80-4426 0000  
Fax : 91-80-4426 4040

06-Jul-2021

To Whom It May Concern:

Dear Sir/Madam,

**Internship Completion Letter**

This is to confirm that Paridhi Jha was an intern with Cisco Systems India Pvt Ltd from 20-Jan-2021 until 02-July-2021.

Paridhi Jha had the position of Technical Undergraduate Intern

During their internship Paridhi Jha worked on the project under the guidance of Ms. Aarushi Bhatnagar

If you have any questions, please contact Operations - Employee Services – HR Support on 000 800 040 2244 (India) or +1 408 906 1477 (Outside India).

Yours Sincerely,

*Aparna*



**Aparna S N**  
**Specialist People Shared Services**  
**Authorized Signatory**  
**Cisco Systems (India) Private Limited**

**Ref No: 1-7057601472**



एग्रीकल्चर इंश्योरेंस कम्पनी ऑफ इंडिया लि.  
Agriculture Insurance Company of India Ltd.

## Certificate

Certified that **Pinki Singh** has carried out the project work titled “**Workflow Management System**” from **25<sup>th</sup> September 2020** to **10<sup>th</sup> December 2020** for the award of the **Bachelor of Technology (Computer Science and Engineering)** from **Agriculture Insurance Company of India Ltd.** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

**Siddesh Ramasubramanian**

Designation: General Manager

Place: Delhi

Date: 10<sup>th</sup> Dec 2020

CIN : U74999DL2002PLC118123

ऑफिस ब्लॉक-1, 5वां तल, प्लेट-बी एवं सी, ईस्ट किदवई नगर, रिंग रोड, नई दिल्ली-110023  
Office Block-1, 5th Floor, Plate-B & C, East Kidwai Nagar, Ring Road, New Delhi-110023  
Tel.: 91-11-24604444 Email: aicho@aicofindia.com Website: www.aicofindia.com



# Austere Systems Pvt. Ltd.

Date: 15/12/2020

ASPL/2020-21/11/008

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Pooja Agrawal**, pursuing B.Tech (CS), at Banasthali Vidyapith, Rajasthan, has successfully completed her Internship with Austere Systems Private Limited at the Gurugram(Haryana) office from 21<sup>st</sup> July 2020 to 15<sup>th</sup> December 2020.

During this period, **Ms. Pooja Agrawal** completed a project titled "Education Doctor" under the guidance of **Mr. Rahul Teni**.

We found her sincere, hardworking, technically sound and result oriented.

We wish her all the best in all her future endeavors.

Mr Shivansh Sharma

Associate HR-TA  
Austere Systems Pvt Ltd  
Pune|Gurugram|



Corporate Office : A' Square, 3rd Floor, Plot No. 34 A Square, Sector-26, Pradhikaran, Pune-411044 Maharashtra  
Regional Office : C-58, LGF, Suncity, Sector-54, Golf Course Road, Gurugram-122003 Haryana  
Global Presence : USA, Singapore, New Zealand, Australia  
www : austeresystems.com

भारत सरकार  
अंतरिक्ष विभाग

भारतीय सुदूर संवेदन संस्थान  
4, कालिदास मार्ग, पो. बाक्स सं. 135  
देहरादून-248001, भारत  
दूरभाष : +91-135-2524399  
फैक्स : +91-135-2741987, 2748041



Government of India  
Department of Space

**Indian Institute of Remote Sensing**  
4, Kalidas Road, P.B. No. 135,  
Dehradun - 248001, India  
Telephone : +91-135-2524399  
Fax : +91-135-2741987, 2748041

## CERTIFICATE

This is to certify that the dissertation entitled “**Tool Development of Crop Monitoring and Analysis- Parameterization of Water Cloud Model**” is a bonafide record of work carried out by **Ms. Poornima Phadke** for partial fulfilment of the requirement for the award of B.Tech. The work has been carried out at Agriculture & Soils Department, Indian Institute of Remote Sensing, ISRO, Dept. of Space, Govt. of India, Dehradun during July to December 2020, under my supervision.

(Dr. Dipanwita Haldar)  
Scientist/ Engineer -SF  
Agriculture & Soils Department



## INTERNSHIP CERTIFICATE

December 01, 2020

This is to certify that **Ms. Pragati Aggarwal D/o Kamal Aggarwal** , a student of **Computer Science Engineering, 4th year (7th sem) from Banasthali Vidyapith,Jaipur** has done her internship in Code for Cause from **July 05, 2020** till **Dec 01, 2020**.

She has worked as **Web Development Intern**. And as part of her job role, she designed and worked on the **Code For Cause Web Products** related to organisation backend and social front.

During internship, she demonstrated good design skills with a self motivated attitude to learn new things. She was able to complete her given tasks on time.

Warm Regards,

A handwritten signature in black ink, appearing to read "Anuj Garg", written in a cursive style.

Anuj Garg  
**Founder**  
**Code for Cause**

# CERTIFICATE OF ACHIEVEMENT

THIS CERTIFICATE IS PRESENTED TO

*Pragati*

For completion of internship as a Software developer at Prof-Cess  
from 25-May-2020 to 25-November-2020.

During this period his/her conduct was found extraordinary.

We wish him/her good luck for future endeavours.

*S.K. Shrivastava*

AUTHORISED SIGNATURE

S.K SHRIVASTVA



**VenueMonk**

412, DLF Qutub Plaza,  
DLF Phase 1,  
Gurgaon

10 December, 2020

**Certificate**To Whomsoever It May Concern

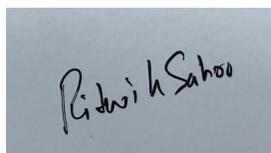
This is to certify that **Ms. Prakriti Agrawal** student of “**Banasthali Vidyapith, Tonk Road, Newai, Jaipur, Rajasthan-304022**” has undergone training from **9 July 2020 to 10 December 2020** as a “**React JS Developer - Intern**” as part of the internship program in the **Engineering Department** of our organization.

**Ms. Prakriti** completed the project for one of the clients “**FibWave Analytics**” for our team under which she was responsible for building the entire Admin and Frontend Customer Web Application - <https://fibwave.in>.

I am proud to report that she underwent rigorous training to complete the crucial project on time with great dedication under my guidance. She is a quick learner and grasped complex software development techniques and tools. She actively worked on **NodeJs and React Development**. Her work is now part of a **real live business process** resulting in effortless automation for our client in the company.

I wish her success for her future endeavors.

Best regards,



Ritwik Sahoo

Co-Founder & CTO,  
VenueMonk.com

**xerox™**

Xerox India Limited  
5<sup>th</sup> & 6<sup>th</sup> Floor, Block One  
Vatika Business Park  
Sector 49, Sohna Road  
Gurgaon - 122 018,  
Haryana, India  
Email: [askus@xerox.com](mailto:askus@xerox.com)  
t + 91 - 124 - 4463000  
f + 91 - 124 - 4463111  
Website: [www.xerox.com/india](http://www.xerox.com/india)

December 17<sup>th</sup>, 2020

**Prakriti Semwal**

Bachelor of Technology, CS  
Banasthali Vidyapith, Rajasthan

**TO WHOMSOEVER IT MAY CONCERN**

Subject: Internship

This is to certify that Ms. Prakriti Semwal has successfully completed internship with us. The details of the project are as mentioned below:

Name of the project: GSC monitoring in ServiceNow

Duration: July 13<sup>th</sup>, 2020 to December 15<sup>th</sup>, 2020

Project Guide: Amit Arora

During the project period we found her to be sincere, hardworking and of good moral character. We wish her all the success in his future endeavours.

Yours faithfully,

**For Xerox India Limited**



**Pooja Gupta**  
**Senior Manager – Human Resources**

Date: 15/12/2020

CSL/CBO/440152

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Pranjali Dwivedi D/o Mr. Lal Mani Dwivedi pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

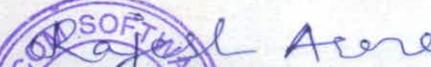
*The duration of this project titled Automatic Trading System in Python stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*

*With Best Wishes,*

*From Compucom Software Limited*

  
**Rajesh Kumar Arora**  
(Manager)



मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
वनस्थली विद्यापीठ  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
BANASTHALI VIDYAPITH  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

March 21, 2021

This is to certify that Ms. Preeti Yadav D/o Shri Sarvesh Yadav is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17159.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648



रेलवे सूचना प्रणाली केन्द्र  
(रेल मंत्रालय भारत सरकार का संगठन)

**CENTRE FOR RAILWAY INFORMATION SYSTEMS**

(An Organization Of The Ministry Of Railways, Govt. Of India)

## **TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Preetika Thakur** a student of **B.TECH/CS** of **Banasthali Vidyapith, Rajasthan** has undergone partial Internship as **Student Intern** for **22 weeks** in our organization from **22<sup>nd</sup> Jun'20 to 20<sup>th</sup> Nov'20** (left prematurely).

*Manoj Kumar*  
05/02/20

**(Manoj Kumar)**  
**Senior Project Engineer**  
**Manufacturing Unit Group**



19<sup>th</sup> December 2020

## Certificate

Certified that **Priya Jha** has carried out the project work titled “**KuodaB2B**” from 1<sup>st</sup> July 2020 to 18th December 2020 for the award of the B.Tech **Computer Science** from **BeyondAlphabets** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

(SANJAY KUMAR NANDECHA)

Co-Founder

Noida

19<sup>th</sup> December 2020



**19<sup>th</sup> December 2020**

## **Certificate**

Certified that **Priya Nagar** has carried out the **Video digital marketing** for BeyondAlphabets.in and their customers from 1<sup>st</sup> July 2020 to 18th December 2020 for the award of the B.Tech **Computer Science** from **BeyondAlphabets** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

(SANJAY KUMAR NANDECHA)

Co-Founder

Noida

19<sup>th</sup> December 2020

दूरभाष/Phone: 011-23905222  
फैक्स /Fax: 011-23919509



भारत सरकार, रक्षा मंत्रालय  
GOVERNMENT OF INDIA, MINISTRY OF DEFENCE  
रक्षा अनुसंधान एवं विकास संगठन  
DEFENCE RESEARCH & DEVELOPMENT ORGANISATION  
नाभिकीय औषधि तथा संबद्ध विज्ञान संस्थान  
INSTITUTE OF NUCLEAR MEDICINE & ALLIED SCIENCES  
ब्रिगेडियर एस. के. मजूमदार मार्ग, दिल्ली -110054  
BRIG. S.K. MAZUMDAR MARG, DELHI-110054  
दिनांक/Date: 16 December 2020

## CERTIFICATE

This is to certify that the project entitled “**Brain Computer Interface Controlled Unmanned Aerial Vehicles**” was carried out by Ms. Priya Sharma (B.TECH. Computer Science and Engineering, Banasthali Vidyapith) at **INSTITUTE OF NUCLEAR MEDICINE & ALLIED SCIENCES, DELHI** under my guidance during **July 01, 2020 to December 16, 2020**.

  
(Dr. Sushil Chandra)

Scientist 'G' & Addl. Director  
Head, Department of Biomedical Engg.

डॉ. सुशील चन्द्र/Dr. SUSHIL CHANDRA  
वैज्ञानिक 'जी' एवं अपर निदेशक /Scientist 'G' & Addl. Director  
विभागाध्यक्ष, जैव चिकित्सा अभियांत्रिकी/Head, Bio-Medical Engineering  
नाभिकीय औषधि तथा संबद्ध विज्ञान संस्थान  
Institute of Nuclear Medicine & Allied Sciences  
रक्षा अनुसंधान एवं विकास संगठन, रक्षा मंत्रालय  
Defence R&D Organisation, Ministry of Defence  
ब्रि. एस. के. मजूमदार मार्ग, तिमरपुर, दिल्ली-110054  
Brig. S. K. Mazumdar Marg, Timarpur, Delhi-110054

Date: 11/12/2020

CSL/CBO/440080

**CURRICULUM INTERNSHIP CERTIFICATE**

This is to certify that **Miss Priyanka Kumari D/o Mr. Manoj Kumar Singh** pursuing **B.Tech(CS)** from **Banasthali University** has successfully completed her project training from our organization.

The duration of this project titled **Training Manager in PHP** stream was from **1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020**. During this period, her performance was good.

We wish her all the best for future endeavors.

Internship Coordinator: **Mr. Kalyan Samanta**

With Best Wishes

From **Compucom Software Limited**

**Rajesh Kumar Arora**  
Rajesh Kumar Arora

(Manager)



Celebrate the Girl Child  
and Enable Her Education

Date: Jan 31, 2021

**To Whomsoever it may concern**

We are glad to inform that **Ms. Priyanka Yadav** undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Java based advanced Web and Database technologies including Java frameworks such as Spring and Hibernate. She has successfully completed her work on "Recruitment Application" project.

We found her inquisitive and hard working. She was inclined towards learning and put her best efforts while delving deep into the associated topics.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Anurag Rajput**  
Senior Technical Officer  
Software Technical Group  
CDAC-Delhi

**Centre for Development  
of Advanced Computing  
(C-DAC)  
New Delhi (INDIA)**



**19<sup>th</sup> December 2020**

**Certificate**

Certified that **Priyanshi Marwah** has carried out the project work titled "**KuodaB2B**" from 1<sup>st</sup> July 2020 to 18th December 2020 for the award of the B.Tech **Computer Science** from **BeyondAlphabets** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

(SANJAY KUMAR NANDECHA)

Co-Founder

Noida

19<sup>th</sup> December 2020

Date: 11/12/2020

CSL/CBO/440090

**CURRICULUM INTERNSHIP CERTIFICATE**

This is to certify that **Miss Priyanshi Varshney D/o Mr. Rajeev Kumar Varshney** pursuing **B.Tech(CS)** from **Banasthali University** has successfully completed her project training from our organization.

The duration of this project titled **Training Manager in PHP** stream was from **1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020**. During this period, her performance was good.

We wish her all the best for future endeavors.

Internship Coordinator: **Mr. Kalyan Samanta**

With Best Wishes,

From Compucom Software Limited

*Rajesh Arora*  
**Rajesh Kumar Arora**

(Manager)

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
**वनस्थली विद्यापीठ**  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
**BANASTHALI VIDYAPITH**  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

March 21, 2021

This is to certify that Ms. Rashi Mudgal D/o Shri Alok Sharma is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17233.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648

Date: 11/12/2020

CSL/CBO/440142

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Rashmi Singh Rajput D/o Mr. Bhoo Prakash Singh pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Digital News in PHP stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*

*Kalyan*



*With Best Wishes,*

*From Compucom Software Limited*

*Rajesh Arora*

*Rajesh Kumar Arora*

*(Manager)*

Date: 15/12/2020

CSL/CBO/440160

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Ritika Rawat D/o Mr. Umeed Rawat pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Automatic Trading System in Python stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*

*Kalyan*

*With Best Wishes,*

*From Compucom Software Limited*

*Rajesh Kumar Arora*

*(Manager)*



मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
वनस्थली विद्यापीठ  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
BANASTHALI VIDYAPITH  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

March 21, 2021

This is to certify that Ms. Ruchi Makhijani D/o Shri Ashok Kumar Makhijani is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC 17166.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648

# CERTIFICATE

## OF ACHIEVEMENT

THIS CERTIFICATE IS PRESENTED TO

*Rupali Shukla*

For completion of internship as a Software Developer at ProfCess  
from 25-May-2020 to 25-November-2020.

### PLATINUM CERTIFICATION

In recognition of outstanding accomplishments and contribution.



*S.K. Shrivastava*

AUTHORISED SIGNATURE  
S.K SHRIVASTVA



Company Registration Number-1186492



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Rupali Shukla has successfully completed 6 months internship as a **Software Developer** from 25<sup>th</sup> May 2020 to 25<sup>th</sup> November 2020 with **Prof-Cess**. In her time here, she actively involved herself with different aspects of the company.

Rupali not only completed all her given tasks but also took up new roles and responsibilities within the company. She is proactive, enthusiastic and a quick learner. When given any problem or situation, she would go out of her way to find solutions.

She was also quick to become an integral part of the **Prof-Cess** working extremely well with the entire team. We, at **Prof-Cess**, believe that she has added value to the company and we wish her all the best for her future endeavors.

Best wishes,

Hemadri Sharma  
Coo @Profcess Ltd.  
Prof-Cess

प्रगत संगणन विकास केन्द्र  
CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय की वैज्ञानिक संस्था, भारत सरकार  
A Scientific Society of the Ministry of Electronics and Information Technology, Government of India



प्लॉट नंबर #20, एफसी-33,  
इंस्टिट्यूशनल एरिया, जसोला,  
नई दिल्ली-110025, भारत  
Plot No. #20, FC-33,  
Institutional Area, Jasola,  
New Delhi-110025, India  
www.cdac.in

Date: Jan 31, 2021

**To Whomsoever it may concern**

We are glad to inform that Ms. Rupali Tiwari undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Artificial Intelligence & Machine Learning Technologies. She has successfully completed her work on "Automatic Text Visualization System: Preksha-PREKSHA WEB" project.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Anurag Rajput**  
Senior Technical Officer  
Software Technical Group  
CDAC-Delhi

**Centre for Development  
of Advanced Computing  
(C-DAC)  
New Delhi (INDIA)**



SQUADRUN SOLUTIONS PRIVATE LIMITED

**Email:**  
hello@squadstack.com

**Website:**  
www.squadstack.com

**Registered Address:**  
21, Hanuman Road, New Delhi – 110001

**Corporate Address:**  
A-29, Ground Floor, Sector – 3, Noida,  
Uttar Pradesh – 201301

---

Date: 18th December 2020

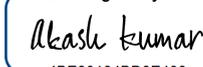
### **Internship Experience Certificate**

This is to certify that **Ms. Sakshi Sengar** has successfully completed her internship at **SquadRun Solutions Private Limited**, in her capacity as “**Business Operations Analyst - Intern**” on 10th December 2020. We wish to place this on record that she had been working with us as an intern since 08th July 2020.

During her tenure in the office with our Organization, she performed her work with determination and sincerity. As we observed, she is active, very qualified, and could perform all of the assigned tasks effectively. In my opinion, she is a motivated, devoted, professional, hard-working, and innovative person.

Yours Truly,

**For and on behalf of SquadRun Solutions Private Limited**

DocuSigned by:  
  
4BE80184BD8E499...  
**Akash Kumar**  
**SquadIQ Head**

प्रगत संगणन विकास केन्द्र  
CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार की एक वैज्ञानिक संस्था  
A Scientific Society of the Ministry of Electronics and Information Technology, Govt. of India



अनुसंधान भवन  
सी-56/1 संस्थागत क्षेत्र, सैक्टर-62,  
नोएडा-201 309 (उ.प्र) भारत  
Anusandhan Bhawan,  
C-56/1, Institutional Area, Sector-62  
Noida - 201 309 (U.P.) India  
फोन / Tel: +91-120-3063311-13  
फैक्स / Fax: +91-120-3063317  
www.cdac.in

Dated: 05.03.2021

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Sanskriti Sharma**, a 4<sup>th</sup> year student of B. Tech (CS) from Banasthali Vidyapath, Rajasthan affiliated to UGC (College Roll No BTBTC17188) has successfully completed Short Term Project Training in Embedded Department of C-DAC, Noida, as a part of her course curriculum. The duration of her Project was from **14.08.2020 to 15.12.2020**.

The title of her Project is "**Design and Development of GUI based CA Application in Java for Certificate Creation**"

(MATHEW PHILIP)

Joint Director & Group Coordinator (HR & Admin)

- 
- पूणे / Pune : +91-20-2570 4100 • बेंगलुरु (नॉलेज पार्क) / Bangaluru (Knowledge Park) : +91-80-2524 4059/6823/6826
  - बेंगलुरु (इलेक्ट्रॉनिक्स सिटी) / Bangaluru (Electronics City) : +91-80-2852 3300 • नई दिल्ली / New Delhi : +91-11-2651 0221
  - हैदराबाद / Hyderabad : +91-40-2373 7124 • मुंबई / Mumbai : +91-022 2620 1606 • चेन्नई / Chennai : +91-44-2254 2226/27
  - कोलकाता / Kolkata : +91-33-2357 9846 / 5989 • मोहाली / Mohali : +91-172-223 7052/57
  - तिरुवनंतपुरम / Thiruvananthapuram : +91-471-272 3333 • सिलचर / Silchar : +91-8811080081



एग्रीकल्चर इंश्योरेंस कम्पनी ऑफ इंडिया लि.  
Agriculture Insurance Company of India Ltd.

## Certificate

Certified that **Sejal Choudhary** has carried out the project work titled “**Workflow Management System**” from **25<sup>th</sup> September 2020** to **10<sup>th</sup> December 2020** for the award of the **Bachelor of Technology (Computer Science and Engineering)** from **Agriculture Insurance Company of India Ltd.** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

**Siddesh Ramasubramanian**

Designation: General Manager

Place: Delhi

Date: 10<sup>th</sup> Dec 2020

CIN : U74999DL2002PLC118123

ऑफिस ब्लॉक-1, 5वां तल, प्लेट-बी एवं सी, ईस्ट किदवई नगर, रिंग रोड, नई दिल्ली-110023  
Office Block-1, 5th Floor, Plate-B & C, East Kidwai Nagar, Ring Road, New Delhi-110023  
Tel.: 91-11-24604444 Email: aicho@aicofindia.com Website: www.aicofindia.com

## **B. Tech TRAINING CERTIFICATE**

This is to certify that **Ms. Shalini Maurya**, Smartcard ID. BTBTC17225 student of Banasthali Vidyapith, AIM&ACT, Banasthali, pursuing her B.Tech final year, has successfully completed her B.Tech Project Internship, which is the part of their degree at Applied Artificial Intelligence Group, Centre for Development of Advanced Computing, Pune for a period of 04 Months 17 days from 24<sup>th</sup> July, 2020 to 11<sup>th</sup> December, 2020. On the project entitled “**DNN based Data transformation and validation**”.

The project code, paper, technology and all other resources which are either directly or indirectly being part of project are wholly the property of C-DAC, Pune. The technology novelty of the project can be published or disclosed only with the C-DAC's approval.

During the training we found her sincere and hardworking and we wish her all the success for her future.

  
**Mr. Shashi Pal Singh**  
Joint Director  
Applied AI Group, C-DAC, Pune

  
**Dr. Ajai Kumar**  
Senior Director & HoD  
Applied AI & GIST Group, C-DAC, Pune



Date: 11/12/2020

Date: 11/11/2020

CSL/CIO/440089

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Shilpi Kumari D/o Mr. Gajendra Kumar pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Training Manager in PHP stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*

*With Best Wishes*  
*From Compucom Software Limited*

*Rajesh Kumar Arora*  
**Rajesh Kumar Arora**  
**(Manager)**



Date: 11/12/2020

CSL/CBO/440088

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Shiva Yadav D/o Mr. Dinesh Singh Yadav pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Hotel Resource Manager in PHP stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

Internship Coordinator: Mr. Kalyan Samanta

With Best Wishes,

From Compucom Software Limited

*Rajesh Arora*  
Rajesh Kumar Arora

(Manager)

## **B. Tech TRAINING CERTIFICATE**

This is to certify that **Ms. Shivangi Agarwal**, Smartcard ID. BTBTC17155 student of Banasthali Vidyapith, AIM&ACT, Banasthali, pursuing her B.Tech final year, has successfully completed her B.Tech Project Internship, which is the part of their degree at Applied Artificial Intelligence Group, Centre for Development of Advanced Computing, Pune for a period of 04 Months 17 days from 24<sup>th</sup> July, 2020 to 11<sup>th</sup> December, 2020. On the project entitled "**Comparative Analysis of Algorithm for Data Classification**".

The project code, paper, technology and all other resources which are either directly or indirectly being part of project are wholly the property of C-DAC, Pune. The technology novelty of the project can be published or disclosed only with the C-DAC's approval.

During the training we found her sincere and hardworking and we wish her all the success for her future.

  
**Mr. Shashi Pal Singh**  
Joint Director  
Applied AI Group, C-DAC, Pune



  
**Dr. Ajai Kumar**  
Senior Director & HoD  
Applied AI & GIST Group, C-DAC, Pune

Date: 11/12/2020

Date: 11/12/2020

CSL/CBO/440087

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Shivangi Gupta D/o Mr. Vinod Kumar Gupta pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Hotel Resource Manager in PHP stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

Internship Coordinator: Mr. Kalyan Samanta

With Best Wishes,

From Compucom Software Limited

Rajesh Kumar Arora

(Manager)



Date: 11/12/2020

CSL/CBO/440084

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Shivangi Singh D/o Mr. Vijay Pratap Singh pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Hotel Resource Manager in PHP stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

Internship Coordinator: Mr. Kalyan Samanta

With Best Wishes,  
From Compucom Software Limited ✓

*Rajesh Arora*  
Rajesh Kumar Arora  
(Manager)





Excellence in Education  
with  
Character Building

चरित्र निर्माण  
युक्त  
उत्कृष्ट शिक्षा

मानवतावादी अध्ययन विभाग  
भारतीय प्रौद्योगिकी संस्थान  
(काशी हिन्दू विश्वविद्यालय) वाराणसी  
**DEPARTMENT OF HUMANISTIC STUDIES**  
**Indian Institute of Technology**  
**(Banaras Hindu University) Varanasi**

☎ : 91-542-2366623;

Fax : 91-542-2368428;

E-mail : sukhada.hss@iitbhu.ac.in;

Website : www.iitbhu.ac.in/hss

Ref. No.: IIT(BHU)/HS/2020-21/165

Date: 18 December, 2020

## To whomsoever it may concern

This is to certify that **Ms. Shivangi Tripathi, B.tech. (Computer Science)**, Banasthali Vidyapith, Rajasthan successfully completed her six-month long internship from **01<sup>st</sup> July, 2020** to **17<sup>th</sup> Dec, 2020** on Development of **“Language Communicator” (an NLP based Authoring tool cum Machine Translation System)** under my guidance.

She had been majorly involved in research activities and project management. During her internship program with us, she was exposed to different NLP activities.

We wish her every success in her life and career.

Dr. Sukhada

Assistant Professor

Department of Humanistic Studies

IIT (BHU), Varanasi, India

सहायक आचार्य/Asstt. Professor

मानवतावादी अध्ययन विभाग/Department of Humanistic Studies  
भारतीय प्रौद्योगिकी संस्थान/Indian Institute of Technology  
(काशी हिन्दू विश्वविद्यालय)/(Banaras Hindu University)  
वाराणसी-२२१००५ (उ०प्र०)/Varanasi-221005 (U.P.)



एक कदम स्वच्छता की ओर

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
वनस्थली विद्यापीठ  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
BANASTHALI VIDYAPITH  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

March 21, 2021

This is to certify that Ms. Shivi Shukla D/o Shri Dharmendra Shukla is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17174.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648



**19<sup>th</sup> December 2020**

**Certificate**

Certified that **Shreya Chaurasia** has carried out the project work titled "**KuodaB2B**" from 1<sup>st</sup> July 2020 to 18<sup>th</sup> December 2020 for the award of the B.Tech **Computer Science** from **BeyondAlphabets** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

*Sanjay Kumar Nandecha*

(SANJAY KUMAR NANDECHA)

Co-Founder

Noida

19<sup>th</sup> December 2020

Ref. 6m1667463

Date 17/Dec/20

**Certificate**

Certified that **SHRIYA VERMA** has carried out the project work titled “ **Health Care Chatbot**” from **1<sup>st</sup> July 2020** to **30<sup>th</sup> Sep 2020** for the award of the **Python and Machine Learning** from **CETPA Infotech Pvt Ltd** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

*Abhinash*

(Abhinash Mishra)

Designation: Data Science Trainer

Place: Noida

Date: 12-Dec-2020

## CERTIFICATE

Certified that **Shruti Agarwal** has carried out the project work titled “**Social Distance Detector**” from July 15, 2020 to December 18, 2020 for the award of the B.Tech (Computer Science) from Banasthali Vidyapith under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

Dr. Sudha Morwal

Associate Professor

Place: Banasthali Vidyapith

Date: 19 December 2020



19<sup>th</sup> December 2020

## Certificate

Certified that **Shruti Aggarwal** has carried out the project work titled “**KuodaB2B**” from 1<sup>st</sup> July 2020 to 18th December 2020 for the award of the B.Tech **Computer Science** from **BeyondAlphabets** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

(SANJAY KUMAR NANDECHA)

Co-Founder

Noida

19<sup>th</sup> December 2020



19<sup>th</sup> December 2020

## Certificate

Certified that **Shruti Khurana** has carried out the project work titled “**KuodaB2B**” from 1<sup>st</sup> July 2020 to 18th December 2020 for the award of the B.Tech **Computer Science** from **BeyondAlphabets** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

(SANJAY KUMAR NANDECHA)

Co-Founder

Noida

19<sup>th</sup> December 2020

Date: 11/12/2020

CSL/CBO/440091

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Shubhangi Sharma D/o Mr. Jitendra Kumar pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Training Manager in PHP stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*  
*Kalyan*

*With Best Wishes,*  
*From Compucom Software Limited*  
*Rajesh Kumar Arora*  
*Rajesh Kumar Arora*  
*(Manager)*



Date: January 16, 2021

## INTERNSHIP CERTIFICATE

This is to certify that **Miss Shubhechcha Chauhan** has completed a technical internship from **July 03, 2020, to January 03, 2021**, with Protovo Solutions LLP, Jaipur.

During this time, she has exhibited great interest and enthusiasm. She worked on the project named - "**Listeo**", under the topic "**A comprehensive study of web app development using PHP & it's Framework**"

She has completed the project successfully.

We value her contribution to **Protovo Solutions LLP** in terms of doing the web app development, insights, and recommendation of her project report.

We wish her a good life and better opportunities for employment.

Thanking You,

For Protovo Solutions LLP



Vishal Jagetia

Founder & Director

दूरभाष/Phone: 011-23905222

फैक्स /Fax: 011-23919509



भारत सरकार, रक्षा मंत्रालय

GOVERNMENT OF INDIA, MINISTRY OF DEFENCE

रक्षा अनुसंधान एवं विकास संगठन

DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

नाभिकीय औषधि तथा संबद्ध विज्ञान संस्थान

INSTITUTE OF NUCLEAR MEDICINE & ALLIED SCIENCES

ब्रिगेडियर एस. के. मजूमदार मार्ग , दिल्ली -110054

BRIG. S.K. MAZUMDAR MARG, DELHI-110054

दिनांक/Date : 16 December 2020

## CERTIFICATE

This is to certify that the project entitled “**Dynamic Automation Allocation Triggered by EEG-Based Mental Workload Classification**” was carried out by Ms. Simmi Gangwar (B.TECH. Computer Science and Engineering, Banasthali Vidyapith) at **INSTITUTE OF NUCLEAR MEDICINE & ALLIED SCIENCES, DELHI** under my guidance during **July 01, 2020 to December 16, 2020.**

(Dr. Sushil Chandra)

Scientist 'G' & Addl. Director

Head, Department of Biomedical Engg.

**डॉ. सुशील चन्द्र/Dr. SUSHIL CHANDRA**  
वैज्ञानिक 'जी' एवं अपर निदेशक /Scientist 'G' & Addl. Director  
विभागाध्यक्ष, जैव चिकित्सा अभियांत्रिकी/Head, Bio-Medical Engineering  
नाभिकीय औषधि तथा संबद्ध विज्ञान संस्थान  
Institute of Nuclear Medicine & Allied Sciences  
रक्षा अनुसंधान एवं विकास संगठन, रक्षा मंत्रालय  
Defence R&D Organisation, Ministry of Defence  
ब्रि. एस. के. मजूमदार मार्ग, तिमरपुर, दिल्ली-110054  
Brig. S. K. Mazumdar Marg, Timarpur, Delhi-110054

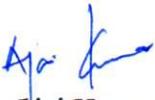
## **B. Tech TRAINING CERTIFICATE**

This is to certify that **Ms. Snehil R Singh**, Smartcard ID. BTBTC17306 student of Banasthali Vidyapith, AIM&ACT, Banasthali, pursuing her B.Tech final year, has successfully completed her B.Tech Project Internship, which is the part of their degree at Applied Artificial Intelligence Group, Centre for Development of Advanced Computing, Pune for a period of 04 Months 17 days from 24<sup>th</sup> July, 2020 to 11<sup>th</sup> December, 2020. On the project entitled “**A Study on Multi-Label data Classification of social Media**”.

The project code, paper, technology and all other resources which are either directly or indirectly being part of project are wholly the property of C-DAC, Pune. The technology novelty of the project can be published or disclosed only with the C-DAC's approval.

During the training we found her sincere and hardworking and we wish her all the success for her future.

  
**Mr. Shashi Pal Singh**  
Joint Director  
Applied AI Group, C-DAC, Pune

  
**Dr. Ajai Kumar**  
Senior Director & HoD  
Applied AI & GIST Group, C-DAC, Pune



Date: 11/12/2020

**Date: 7<sup>th</sup> December 2020**

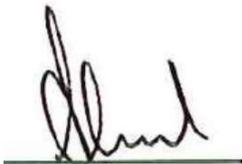
To Whosoever It May Concern

This is to certify that **Somya Singhal, ID No: 2017/1621**, student of **Banasthali Vidyapeeth, Rajasthan**, has undertaken her Internship Program with us at Gurugram **from May 18<sup>th</sup>, 2020 to November 17<sup>th</sup>, 2020** for the Project Titled as "Power BI reports And Windchill AI Bot".

**We wish her all the best in her future endeavors.**

**For Boston Scientific Services Pvt. Ltd.**

Best Regards,



**SWADESH BEHERA**

Senior Director – Human Resources

Date: 15/12/2020

CSL/CBO/440146

**CURRICULUM INTERNSHIP CERTIFICATE**

Jaipur, Rajasthan - 302022, India

Ph. : +91-141-5115908 (10 Lines), 2770131

Fax : +91-141-2770335

E-mail : fin@compucom.co.in

CIN : L72200RJ1995PLC009798

This is to certify that **Miss Sonam Kumari D/o Mr. Sanjay Kumar Chaudhary** pursuing **B.Tech(CS)** from **Banasthali University** has successfully completed her project training from our organization.

The duration of this project titled **Stock Management in PHP** stream was from **1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020**. During this period, her performance was good.

We wish her all the best for future endeavors.

Internship Coordinator: **Mr. Kalyan Samanta**

With Best Wishes,

From **Compucom Software Limited**



**Rajesh Kumar Arora**  
(Manager)

Date: 15/12/20

CSL/CBO/440149

**CURRICULUM INTERNSHIP CERTIFICATE**

This is to certify that **Miss Srijnaseri Negi D/o Mr. Puran Singh Negi** pursuing **B.Tech(CS)** from **Banasthali University** has successfully completed her project training from our organization.

The duration of this project titled **Event Management System** in **JAVA** stream was from **1<sup>st</sup> July 2020** to **10<sup>th</sup> December 2020**. During this period, her performance was good.

We wish her all the best for future endeavors.

Internship Coordinator: **Mr. Kalyan Samanta**

With Best Wishes,

From Compucom Software Limited



**Rajesh Kumar Arora**  
(Manager)

Date: 11/12/2020

CSL/CBO/440094

**CURRICULUM INTERNSHIP CERTIFICATE**

This is to certify that Miss Stuti Agarwal D/o Mr. Salil Kumar Agarwal pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.

The duration of this project titled **Training Manager in PHP stream** was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.

We wish her all the best for future endeavors.

Internship Coordinator: Mr. Kalyan Samanta

With Best Wishes,

From Compucom Software Limited ✓

  
Rajesh Kumar Arora  
(Manager)



Date: 15/12/2020

CSL/CBO/440157

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Stuti Saxena D/o Mr. Sanjeev Saxena pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Automatic Trading System in Python stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*  
*Kalyan*

*With Best Wishes,*

*From Compucom Software Limited*

*Rajesh Arora*  
*Rajesh Kumar Arora*  
*(Manager)*  
*[Signature]*



Date: 15/12/2020

CSL/CBO/440150

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Sukesha D/o Mr. Deepak Bansal pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Event Management System in PHP stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

*Internship Coordinator: Mr. Kalyan Samanta*

*With Best Wishes,*

*From Compucom Software Limited*

*Rajesh Kumar Arora*  
*(Manager)*



Date: January 16, 2021

### INTERNSHIP CERTIFICATE

This is to certify that **Miss Sumedha** has completed a technical internship from **July 03, 2020, to January 03, 2021**, with Protovo Solutions LLP, Jaipur.

During this time, she has exhibited great interest and enthusiasm. She worked on the project named - "**Listeo**", under the topic "**A comprehensive study of web app development using PHP & it's Framework**"

She has completed the project successfully.

We value her contribution to **Protovo Solutions LLP** in terms of doing the web app development, insights, and recommendation of her project report.

We wish her a good life and better opportunities for employment.

Thanking You,

For Protovo Solutions LLP



Vishal Jagetia

Founder & Director

# CERTIFICATE OF ACHIEVEMENT

THIS CERTIFICATE IS PRESENTED TO

*Sunishtha Singh*

For completion of internship as a Software developer at Prof-Cess  
from 25-May-2020 to 25-November-2020.

During this period his/her conduct was found extraordinary.

We wish him/her good luck for future endeavours.

*S.K. Shrivastava*

AUTHORISED SIGNATURE

S.K SHRIVASTVA



## **B. Tech TRAINING CERTIFICATE**

This is to certify that **Ms. Surbhi Kawishvar**, Smartcard ID. BTBTC17292 student of Banasthali Vidyapith, AIM&ACT, Banasthali, pursuing her B.Tech final year, has successfully completed her B.Tech Project Internship, which is the part of their degree at Applied Artificial Intelligence Group, Centre for Development of Advanced Computing, Pune for a period of 04 Months 17 days from 24<sup>th</sup> July, 2020 to 11<sup>th</sup> December, 2020. On the project entitled “**Multiple format file extraction and evaluation**”.

The project code, paper, technology and all other resources which are either directly or indirectly being part of project are wholly the property of C-DAC, Pune. The technology novelty of the project can be published or disclosed only with the C-DAC's approval.

During the training we found her sincere and hardworking and we wish her all the success for her future.

  
**Mr. Shashi Pal Singh**  
Joint Director  
Applied AI Group, C-DAC, Pune



  
**Dr. Ajai Kumar**  
Senior Director & HoD  
Applied AI & GIST Group, C-DAC, Pune

Date: 11/12/2020

मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
वनस्थाली विद्यापीठ  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
**BANASTHALI VIDYAPITH**  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

## CERTIFICATE

Certified that **Miss. Suruchi Sharma**(BTBTC17152) has carried out the project work titled "**Placement Management System for AIM & ACT**" from July, 2020 to December, 2020 for the award of the **Bachelor of Technology in Computer Science** from **Banasthali Vidyapith** under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

  
(Dr. Manjeet Kumar)

Assistant Professor,  
Department of Computer Science,  
Banasthali Vidyapith  
(NAAC-A++ Grade University)  
P.O. Banasthali Vidyapith,  
District - Tonk,  
Rajasthan - 304022, INDIA.



**Tech Mahindra Limited**

Infocity, Hi-tech City Layout,  
Madhapur, Hyderabad 500081,  
India.

Tel: +91 40 3063 6363

Fax: +91 40 2311 7011

techmahindra.com

Connect@techmahindra.com

Registered Office:

Gateway Building, Apollo Bunder

Mumbai 400 001, India

CIN L64200MH1986PLCO41370

**December 31, 2020**

**To,**  
**Tanya Gupta**  
**C232 East End Apartments , Mayur Vihar Ph-1 Extn., Delhi-110096**

**Subject:** Internship Completion Certificate

This is to certify that Tanya Gupta (Associate ID – **C87036**) has successfully completed internship program with Tech Mahindra Ltd. (From **05-Jun-2020** to **30-Nov-2020**). She worked on the project titled **AI based Crowd Control System (AICCS)** Under the guidance **Umesh Kad, Saket Apte**.

Yours sincerely.

**For Tech Mahindra Ltd., India**

A handwritten signature in blue ink that reads "Vinay".

**Vinay Agrawal**  
**Head- Business HR**

Date: 15/12/2020

CSL/CBO/440164

**CURRICULUM INTERNSHIP CERTIFICATE**

*This is to certify that Miss Tanya Mishra D/o Mr. Pankaj Kumar Mishra pursuing B.Tech(CS) from Banasthali University has successfully completed her project training from our organization.*

*The duration of this project titled Hotel Resource Manager in PHP stream was from 1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020. During this period, her performance was good.*

*We wish her all the best for future endeavors.*

Internship Coordinator: Mr. Kalyan Samanta

With Best Wishes,

From Compucom Software Limited

  
Rajesh Kumar Arora  
(Manager)



## Softel Solutions Pvt. Ltd.

E-1002, 1<sup>st</sup> Floor, C.R, PARK  
New Delhi 110019, India  
Tel +91 11 26278264  
Fax +91 11 26277299  
Email : info@softelnetworks.com

18<sup>th</sup> December 2020

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Twinkle Gupta** D/o **Satish Chandra Gupta**, a student of **Banasthali Vidhyapith**, has successfully completed internship in our organization starting from **17<sup>th</sup> August 2020** to **20<sup>th</sup> December 2020**.

The internship programme covered **Web interface for an existing application which enables a master creation** under the guidance of **Mr. Rajiv Upadhyay**

During the training he/she was found punctual, hardworking & sincere to work.

We wish him/her good luck and look forward for brilliant success in his/her career.

For Softel Solutions Pvt. Ltd.

  
Kamakshi Sharma  
Asst. HR manager

भारत सरकार  
अंतरिक्ष विभाग  
भारतीय सुदूर संवेदन संस्थान  
4, कालिदास मार्ग, पो. बाक्स सं. 135  
देहरादून-248001, भारत  
दूरभाष : +91-135-2524399  
फैक्स : +91-135-2741987, 2748041



Government of India  
Department of Space  
**Indian Institute of Remote Sensing**  
4, Kalidas Road, P.B. No. 135,  
Dehradun - 248001, India  
Telephone : +91-135-2524399  
Fax : +91-135-2741987, 2748041

## Certificate

Certified that **Vaishnavi Upadhyay** has carried out the project work titled **“Investigating the Potential of Linear and Non-Linear Machine Learning Algorithms for Automatic Slum Detection”** from 5-06-2020 to 18-12-2020 for the award of the B.Tech. (Computer Science) from Indian Institute of Remote Sensing (IIRS) under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

(Dr. Ashutosh Bhardwaj)  
Scientist/Engineer-‘SF’  
PRSD, GT&OP Group  
IIRS, Dehradun

Place: Dehradun

Date: 18<sup>th</sup> December, 2020

# CERTIFICATE

## OF ACHIEVEMENT

THIS CERTIFICATE IS PRESENTED TO

*Vidushi Saini*

For completion of internship as a Software Developer at ProfCess  
from 06-July-2020 to 06-December-2020.

### PLATINUM CERTIFICATION

In recognition of outstanding accomplishments and contribution.



*S.K. Shrivastava*

AUTHORISED SIGNATURE

S.K SHRIVASTVA



Date: 11/12/2020

CSL/CBO/440092

**CURRICULUM INTERNSHIP CERTIFICATE**

This is to certify that **Miss Yati Kumari D/o Mr. Sanjay Kumar Singh** pursuing **B.Tech(CS)** from **Banasthali University** has successfully completed her project training from our organization.

The duration of this project titled **Training Manager in PHP stream** was from **1<sup>st</sup> July 2020 to 10<sup>th</sup> December 2020**. During this period, her performance was good.

We wish her all the best for future endeavors.

Internship Coordinator: **Mr. Kalyan Samanta**

With Best Wishes,

From Compucom Software Limited ✓

*Rajesh Arora*  
**Rajesh Kumar Arora**  
(Manager)



मैथमेटिक्स एण्ड कम्प्यूटिंग संकाय  
आपाजी संस्थान  
**वनस्थली विद्यापीठ**  
पो. वनस्थली विद्यापीठ ३०४०२२  
(राजस्थान)



Faculty of Mathematics & Computing  
APAJI INSTITUTE  
**BANASTHALI VIDYAPITH**  
P.O. BANASTHALI VIDYAPITH 304022  
(RAJASTHAN)

**TO WHOM SO EVER IT MAY CONCERN**

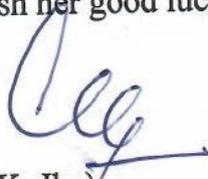
March 21, 2021

This is to certify that Ms. Yogita Jain D/o Shri Sanjeev Kumar Jain is a registered student of Banasthali Vidyapith, Rajasthan studying in Bachelor of Technology (Computer Science) course, a four-year (eight semesters) programme of the Department of Computer Science during the academic session 2017-2021. She bears the Smart Card ID number BTBTC17094.

Presently, she is in the eighth semester of the course.

The seventh semester of B.Tech (Computer Science) course has a component of project internship for which she pursued her internship at Centre for Railway Information Systems (CRIS), New Delhi.

I wish her good luck for her future endeavours.

  
(C. K. Jha)  
Professor & Head  
Department of Computer Science  
Banasthali Vidyapith  
Rajasthan-304022, INDIA  
Email: ckjha@banasthali.in  
Phone No.: 01438-228648



Celebrate the Girl Child  
and Enable Her Education

प्लॉट नंबर #20, एफसी-33,  
इंस्टिट्यूशनल एरिया, जसोला,  
नई दिल्ली-110025, भारत  
Plot No. #20, FC-33,  
Institutional Area, Jasola,  
New Delhi-110025, India  
www.cdac.in

Date: Jan 31, 2021

**To Whomsoever it may concern**

We are glad to inform that Ms. Yukti undergoing Bachelor of Technology from Banasthali Vidyapith has successfully completed her internship at Centre for Development of Advanced Computing (C-DAC) during July 01, 2020 to Dec 30, 2020.

During her internship, she was exposed to the various Artificial Intelligence & Machine Learning Technologies. She was found enthusiastic and motivated learner during her work on "Brain Computer Interface with EEG Signals" project.

We found her inquisitive and hard working. She was inclined towards learning and put her best efforts while delving deep into the associated topics.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

**Priyanka Jain**  
Associate Director  
Artificial Intelligence Group  
CDAC-Delhi

**डॉ. प्रियंका रजत जैन / Dr. Priyanka Rajat Jain**  
सहयुक्त निदेशक / Associate Director  
सी-डैक / C-DAC, नई दिल्ली / New Delhi