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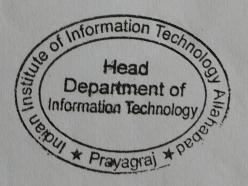
F. No. : IIITA /HOD-IT/ 1900/dated 14/8/19

### To whom it may concern

This is to certify that Mr. Rakesh M R S/O Mr. Ramesh M K of Alva's Institute Of Engineering And Technology, Dakshina Kannada, Karnataka has successfully completed Summer Internship Program on the topic "Efficient and Secure Multi Secret Sharing Schemes Based on Boolean XOR and Arithmetic Modulo(Image Processing and Deep Learning)" from 11-07-19 to 14-08-19 at the Department of Information Technology.

We wish him all the best for his future endeavours.

(Dr. Satish Kumar Singh)





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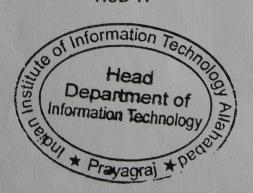
F. No.: IIITA /HOD-IT/1983/dated 14/8/19

### To whom it may concern

This is to certify that Mr. Darshan P B S/O Mr. B.Purushotham of Alva's Institute Of Engineering And Technology, Dakshina Kannada, Karnataka has successfully completed Summer Internship Program on the topic "(n,n)-multi secret image sharing schemes based on Boolean operation(Image Processing and Deep Learning)" from 11-07-19 to 14-08-19 at the Department of Information Technology.

We wish him all the best for his future endeavours.

(Dr. Satish Kumar Singh)





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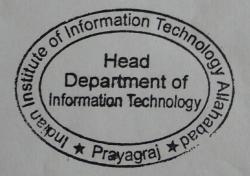
F. No. : IIITA /HOD-IT/1991 /dated 14/ 0119

### To whom it may concern

This is to certify that Mr. Dheeraj Shetty S/O Mr. Keshava Shetty of Alva's Institute Of Engineering And Technology, Dakshina Kannada, Karnataka has successfully completed Summer Internship Program on the topic "Auto Encoding Beyond Pixels Using a Learned Similarity Metric(Machine Learning and Deep Learning) from 11-07-19 to 14-08-19 at the Department of Information Technology.

We wish him all the best for his future endeavours.

(Dr. Satish Kumar Singh)
Mentor





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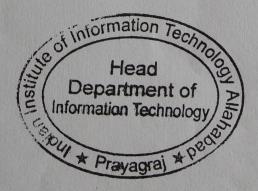
F. No.: IIITA /HOD-IT/1992/dated \4\0\19

### To whom it may concern

This is to certify that Mr. SUSHANTH S S/O Mr. SHANKAR of Alva's Institute Of Engineering And Technology, Dakshina Kannada, Karnataka has successfully completed Summer Internship Program on the topic "Auto Encoding Beyond Pixels Using a Learned Similarity Metric(Machine Learning and Deep Learning) from 11-07-19 to 14-08-19 at the Department of Information Technology.

We wish him all the best for his future endeavours.

(Dr. Satish Kumar Singh)





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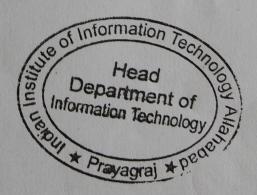
F. No.: IIITA /HOD-IT/1981 /dated 14/8/19

### To whom it may concern

This is to certify that Mr. Hegde Akshay Raghuram S/O Mr. Raghuram Hegde of Alva's Institute Of Engineering And Technology, Dakshina Kannada, Karnataka has successfully completed Summer Internship Program on the topic "Signature Verification Using CNN (Machine Learning and Deep Learning)" from 11-07-19 to 14-08-19 at the Department of Information Technology.

We wish him all the best for his future endeavours.

(Dr. Satish Kumar Singh)
Mentor





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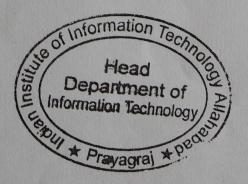
F. No.: IIITA /HOD-IT/19 82/dated 1418119

### To whom it may concern

This is to certify that Mr. Acharya Sainath Balakrishna S/O Mr. Balakrishna J Acharya of Alva's Institute Of Engineering And Technology, Dakshina Kannada, Karnataka has successfully completed Summer Internship Program on the topic "Signature Verification Using CNN (Machine Learning and Deep Learning)" from 11-07-19 to 14-08-19 at the Department of Information Technology.

We wish him all the best for his future endeavours.

(Dr. Satish Kumar Singh)
Mentor



ವಿಮಾನ ವಿಭಾಗ / एयरक्राफ्ट प्रभाग / AIRCRAFT DIVISION ಬೆಂಗಳೂರು ಸಂಕೀರ್ಣ/बंगल्र कॉम्प्लेक्स/BANGALORE COMPLEX ಹಿಂದೂಸ್ಥಾನ್ ಏರೋನಾಟಿಕ್ಸ್ ಲಿಮಿಟೆಡ್ हिन्दुस्तान एरोनॉटिक्स लिमिटेड HINDUSTAN AERONAUTICS LIMITED



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**Ph.**: 91-80-2231 1741 **Fax**: 91-80-2231 5188

19-Aug-2019

No.A/HR/509/3 № 12019

#### CERTIFICATE

This is to certify that Ms. Nikshita ,USN 4AL16IS033 , a bonafide BE(Information Science & Engg) student of Alva's Institute of Engineering and Technology, Moodbidri, has successfully completed her Internship at Aircraft Division, HAL, Bangalore from 15.07.2019 to 14.08.2019

2. We wish her All the Best, Good Luck and Success in her future endeavors.

Ms. Nikshita

BE(Information Science & Engg)

Alva's Institute of Engineering and Technology

Moodbidri

Senior Manager (HR) बी आरोग्य क्योति/ B. AROCKIA JOTHI वरिष्ठ प्रवंधक (मा सं)-एयरक्राफ्ट प्रभाग

Senior Manager (HR)-Aircraft Division एचएएल (बी सी)/ HAL (BG)

ನೋಂದಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೧೦೦೧, ಭಾರತ

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Ph.: 91-80-2231 1741 Fax: 91-80-2231 5188

19-Aug-2019

No.A/HR/509/38 /2019

#### CERTIFICATE

This is to certify that Ms. Priyanka S Ningaraddi ,USN 4AL16IS039 , a bonafide BE(Information Science & Engg) student of Alva's Institute of Engineering and Technology, Moodbidri, has successfully completed her Internship at Aircraft Division, HAL, Bangalore from 15.07.2019 to 14.08.2019

2. We wish her All the Best, Good Luck and Success in her future endeavors.

Ms. Priyanka S Ningaraddi

BE(Information Science & Engg)

Alva's Institute of Engineering and Technology

Moodbidri

Senior Manager (HR) बी आरोग्य ज्याति/ B AROCKIA 10THI बरिष्ठ प्रवंधक (मा सं)-एयरक्राफ्ट प्रभाग Senior Manager (HR)-Aircraft Division एचएएल (वी सी)/ HAL (BC)

ನೋಂದಾಯಿತ ಕಚೇಠಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು–೫೬೦೦೦೧, ಭಾರತ पंजीकृत कार्यालय : 15/1, कब्बन रोड़, बेंगलूरु - 560 001, भारत Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India

ಸಿ ಐ ಎನ್/ सी आई एन / CIN: U35301KA1963GOI001622 ಆ /ई / E:ma.haffiz@hal-india.com

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**Ph.**: 91-80-22311741 **Fax**: 91-80-22315188

19-Aug-2019

No.A/HR/509/2000/2019

#### CERTIFICATE

This is to certify that Ms. Tharunya U.P., USN 4AL16IS056, a bonafide BE(Information Science & Engg) student of Alva's Institute of Engineering and Technology, Moodbidri, has successfully completed her Internship at Aircraft Division, HAL, Bangalore from 15.07.2019 to 14.08.2019

2. We wish her All the Best, Good Luck and Success in her future endeavors.

AROCKIA JOTHI B

Senior/Manager (HR)

बी आरोग्य ज्योति B. AROCKIA JOTHI वरिष्ठ प्रवंधक (मा सं)-एयरक्राफ्ट प्रभाग

Senior Manager (HR)-Aircraft Division एचएएल (बी सी) / HAL (BC)

Ms. Tharunya U P

BE(Information Science & Engg)

Alva's Institute of Engineering and Technology

Moodbidri

ನೋಂದಾಯಿತ ಕಚೇರಿ : ೧೫/೧, ಕಬ್ಬನ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-೫೬೦೦೦೧, ಭಾರತ

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Ph.: 91-80-2231 1741 Fax: 91-80-2231 5188

19-Aug-2019

No.A/HR/509/23 (2019

#### CERTIFICATE

This is to certify that Ms. Pooja N ,USN 4AL16IS035 , a bonafide BE(Information Science & Engg) student of Alva's Institute of Engineering and Technology, Moodbidri, has successfully completed her Internship at Aircraft Division, HAL, Bangalore from 15.07.2019 to 14.08.2019

2. We wish her All the Best, Good Luck and Success in her future endeavors.

Ms. Pooja N

BE(Information Science & Engg)

Alva's Institute of Engineering and Technology

Moodbidri

Senior Manager (HR) बी आरोग्य ज्याति/ B. AROCKIA JOTHI वरिष्ठ प्रवंधक (मा सं)-एयरक्राफ्ट प्रभाग Senior Manager (HR)-Aircraft Division एचएएल (बी सी)/ HAL (BC)

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Ph.: 91-80-2231 1741 Fax: 91-80-2231 5188

No.A/HR/509/ 2019

19-Aug-2019

#### CERTIFICATE

This is to certify that Ms. Likitha P ,USN 4AL16IS024 , a bonafide BE(Information Science & Engg) student of Alva's Institute of Engineering and Technology, Moodbidri, has successfully completed her Internship at Aircraft Division, HAL, Bangalore from 15.07.2019 to 14.08.2019

2. We wish her All the Best, Good Luck and Success in her future endeavors.

-

Ms. Likitha P

BE(Information Science & Engg)

Alva's Institute of Engineering and Technology

Moodbidri

Senior Manager (HR) बी आरोग्य ज्याति/ B. AROCKIA JOTHI वरिष्ठ प्रवंधकं (मा सं)-एयरक्रापट प्रभाग Senior Manager (HR)-Aircraft Division एचएएल (बी सी)/ HAL (BC)

केशः विकास कार्यालय: 15/1, कब्बन रोड़, बेंगलूरु - 560 001, भारत

Registered Office: 15 /1, Cubbon Road, Bengaluru - 560 001, India

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OVERHAUL DIVISION
BANGALORE COMPLEX
HINDUSTAN AERONAUTICS LIMITED

Bengaluru - 560 017, India

Ph. (द्रभाष): 91 - 80 - 2231 3521, 2232 2224

OH/IT/IR-156/08/2019

14-08-2019

#### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Trupthi C, Student of

"Alva's Institute of Engineering and Technology" Moodbidri has successfully completed her Internship in Overhaul Division, Hindustan Aeronautics Ltd, Bengaluru from 15/07/2019 to 14/08/2019.

2. Her conduct and progress during the above period was Found to be **SATISFACTORY**.

(P. Bimala Devi)

Manager (IT) पी बिमला बेवी / P. BIMALA DEV1 प्रबंधक (सु ग्री) / Manager (I.T.) ओवरहाल प्रमान / Overhaul Division एव ए एल (बी सी) / HAL(BC)