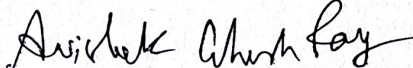


# Certificate

This is to certify that the project entitled "DATA ANALYTICS WITH ELK STACK AND CUSTOM DASHBOARD APPLICATION FOR BHUVAN USAGE STATISTICS" is a record of the bonafide work done by SHETTY RASIK RAMCHANDRA (4AL16CS093), SHETTY SANATH SANTOSH (4AL16CS094), PARIKSHITH ADIGA B(4AL16CS126) at NATIONAL REMOTE SENSING CENTRE, ISRO Hyderabad during the period of 17<sup>th</sup> January 2019 to 17<sup>th</sup> April 2019, The project report is being submitted in partial fulfilment of the requirements for the award of degree of B.E in " Computer Science and Engineering" at ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY mijar, moodbidri, Karnataka, they have completed the assignment work satisfactorily.

This a record of bonafide work carried out by them under my guidance and supervision.

  
Mr. AVISHEK GHOSH ROY

Sci/Eng.SC

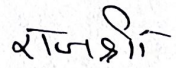
BSN&SQ, G&WGS

National Remote Sensing Centre

ISRO, Dept. of Space

Govt. of India

Balanagar, Hyderabad-500037

  
Mrs. Rajashree Bothale  
General Manager, Outreach Facility  
Jeedimetla Outreach Facility, National Remote Sensing Centre  
ISRO, Dept. of Space, Govt. of India  
Hyderabad / HYDERABAD.

Indian space Research Organization

  
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भारत सरकार  
अन्तरिक्ष विभाग  
भारतीय अन्तरिक्ष अनुसंधान संगठन  
राष्ट्रीय सुदूर संवेदन केन्द्र  
क्षेत्रीय सुदूर संवेदन केन्द्र - दक्षिण  
आईसाइट कैम्पस, मारतहल्लि आउटर रिंग रोड  
बेंगलुरु - 560 037, भारत  
दूरभाष : 080 - 23026022, फैक्स : 080 - 23026025



Government of India  
Department of Space  
Indian Space Research Organisation  
National Remote Sensing Centre  
Regional Remote Sensing Centre-South  
ISITE Campus, Marathahalli Outer Ring Road,  
Bengaluru - 560 037, India  
Phone : 080 - 23026022, Fax : 080 - 23026025

RC: BG: 13.3

December 06, 2018

### CERTIFICATE

This is to certify that the internship project work entitled “**Satellite Data Classification using Google Earth Engine**” has been successfully carried out at this centre by **Mr. Ravish B C. (R.No:4AL16CS077)** a bonafide student of Third year **BE (Computer Science)** course, Alva's Institute of Engineering and Technology, Moodabidri under the guidance and supervision of the undersigned during the period 16<sup>th</sup> July 2018 to 1<sup>st</sup> September 2018.

Guided by

B. Chandrasekaran  
Scientist/ Engineer 'SD'  
RRSC-South, Bengaluru

Dr. K Ganesha Raj  
General Manager  
RRSC-South, Bengaluru

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Incubated & Goldman Sachs  
Supported Startup

Date: March 01, 2019

## Certificate of Excellence

This is to certify that **Mr. Manoj L (USN: 4AL16CS125)**, student from the Computer Science & Engineering Dept of ALVA'S Institute of Engineering and Technology, Mijar, Moodbidri, Karnataka, has completed his internship for Period of 45 days from **16.01.2019 to 01.03.2019**.

Under my guidance he has worked in Data Collection, Data Scraping, Data Cleaning, Data Modelling and Data Analytics. I have found him to be a self-starter who is motivated, duty bound and Hard-working. He performs excellent with well behaviour and he was punctual at time to report before me day to day. He worked sincerely on his assignments and his performance was Par Excellence.

I wish him best of luck for his future.  
For GoCrackIt Global Pvt. Ltd.

Alok Shrivastava

CEO, GoCrackIt

Ph: (+91) 7259035503

Email: [alokshrivastava@gocrackit.com](mailto:alokshrivastava@gocrackit.com)

Website: [www.gocrackit.com](http://www.gocrackit.com)

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Mijar, MOODBIDRI - 574 225, D.K.





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Date: March 01, 2019

### Certificate of Excellence

This is to certify that **Mr. Mallikarjun H T (USN: 4AL16CS048)**, student from the Computer Science & Engineering Dept of ALVA'S Institute of Engineering and Technology, Mijar, Moodbidri, Karnataka, has completed his internship for Period of 45 days from **16.01.2019 to 01.03.2019**.

Under my guidance he has worked in Data Collection, Data Scraping, Data Cleaning, Data Modelling and Data Analytics. I have found him to be a self-starter who is motivated, duty bound and Hard-working. He performs excellent with well behaviour and he was punctual at time to report before me day to day. He worked sincerely on his assignments and his performance was Par Excellence.

I wish him best of luck for his future.  
For GoCrackIt Global Pvt. Ltd.

Alok Shrivastava

CEO, GoCrackIt

Ph: (+91) 7259035503

Email: [alokshrivastava@goackit.com](mailto:alokshrivastava@goackit.com)

Website: [www.goackit.com](http://www.goackit.com)

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Date: March 01, 2019

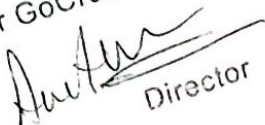
### Certificate of Excellence

This is to certify that Ms. Deepika K V (USN: 4AL16CS030), student from the Computer Science & Engineering Dept of ALVA'S Institute of Engineering and Technology, Mijar, Moodbidri, Karnataka, has completed her internship for Period of 45 days from 16.01.2019 to 01.03.2019.

Under my guidance she has worked in Data Collection, Data Scrapping, Data Cleaning, Data Modelling and Data Analytics. I have found her to be a self-starter who is motivated, duty bound and Hard-working. She performs excellent with well behaviour and she was punctual at time to report before me day to day. She worked sincerely on her assignments and her performance was Par Excellence.

I wish her best of luck for her future.

For GoCrackIt Global Pvt. Ltd.

  
Director

Alok Shrivastava

CEO, GoCrackIt

Ph: (+91) 7259035503

Email: [alokshrivastava@gocrackit.com](mailto:alokshrivastava@gocrackit.com)

Website: [www.gocrackit.com](http://www.gocrackit.com)



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