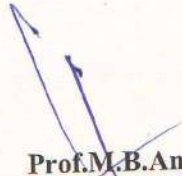


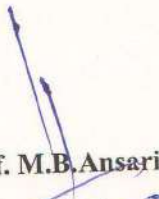
CERTIFICATE

This is to certify that, the dissertation entitled "**Forecasting and Providing New Approach in Efficient Retrieval of Time Series Data Using Business Intelligence Sense**", which has been submitted herewith in partial fulfillment for the award of the '**Master of Engineering**' in '**Computer Science and Engineering**' of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.). This is the result of the original work and contribution by '**Barde Abhijeet Kacharu**' under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate or similar title of this for any other diploma / examination body or university to the best of my knowledge and belief.

Place: Aurangabad

Date: 30/11/2015


Prof. M.B. Ansari
Guide
Computer Science & Engineering
Shreeyash College of Engineering
and Technology Aurangabad


Prof. M.B. Ansari
Head
Computer Science & Engineering
Shreeyash College of Engineering
and Technology Aurangabad


Dr. R.S. Pawar 30.11.15

Principal
Shreeyash College of Engineering and Technology
Aurangabad (M.S.)


CERTIFICATE

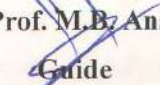
This is to certify that, the dissertation work on “Efficient Technique for Non-Critical Alarm Reduction in Intrusion Detection System” submitted by following student, is a bonafide student and completed their work under my supervision and guidance in partial fulfillment for award of Master of Engineering (Computer Science and Engineering) Degree of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

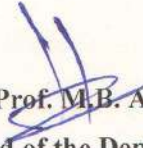
Place: Aurangabad

Date: 25/09/16

Date: 25/09/16


Priyanka K. Bhokre
M.E. (C.S.E.) Student
Priyanka K. Bhokre


Prof. M.B. Ansari
Guide


Prof. M.B. Ansari
Head of the Department


Dr. R.S. Pawar

Principal

Shreeyash College of Engineering and Technology
Aurangabad

CERTIFICATE

This is to certify that the dissertation entitled "**Multiple Exposure Fusion For High Dynamic Range Image Acquisition Using PCA based Algorithm**", which is being submitted herewith for the award of the **Masters of Engineering in Computer Science and Engineering** of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. This is the result of the original research work and contribution by **Swati Dattatraya Pate** under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate or similar title of this for any other diploma/examination body or university to the best of my knowledge and belief.

Place: Aurangabad

Date: 30/11/2015


Prof. M.B. Ansari

Guide

Computer Science and Engineering


Prof. M.B. Ansari

Head

Computer Science and Engineering


Dr. R.S. Pawar

Principal

Shreeyash College of Engineering and Technology
Aurangabad