

An Internship Project Report on
INTELLIGENT ALERT SYSTEM FOR FOREST TRIBAL PEOPLE

Submitted to
The Department of Information Technology
In partial fulfillment of the academic requirements of
Jawaharlal Nehru Technological University

For
The award of the degree of
Bachelor of Technology
in
Information Technology

By
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Under the Guidance of

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CERTIFICATE

This is to certify that this Internship Project report on “**INTELLIGENT ALERT SYSTEM FOR FOREST TRIBAL PEOPLE**”, submitted by **RAHUL TEJA(18311A12J8)** in the year 2020 in partial fulfillment of the academic requirements of Jawaharlal Nehru Technological University for the award of the degree of Bachelor of Technology in Information Technology, is a bonafide work that has been carried out by them as part of their **Internship Project during summer (2020)**, under our guidance. This report has not been submitted to any other institute or university for the award of any degree.

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Date: 30/05/2020

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TO WHOMSOEVER IT MAY CONCERN

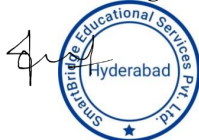
This is to certify that **Mr./Ms. Bolloju Rahul Teja** pursuing B.Tech in Information Technology from Sreenidhi Institute Of Science And Technology, Hyderabad has successfully completed his/her Summer Internship from **04/05/2020 to 30/05/2020**.

During this period he/she had learned the concepts of **Machine Learning with Python & IBM Watson** and successfully completed a project **"Intelligent Alert System for Forest Tribal People"**.

Refer the enclosed **Certificate of Merit** for his/her performance during the tenure of Internship.

We wish him/her all the best for his/her future endeavours.

For **SmartBridge Educational Services Pvt. Ltd.**,



Jayaprakash.ch,
Program Manager
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Caption

DECLARATION

I am **RAHUL TEJA** student of **SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, YAMNAMPET, GHATKESAR, of INFORMATION TECHNOLOGY** solemnly declare that the Internship project work, titled **“INTELLIGENT ALERT SYSTEM FOR FOREST TRIBAL PEOPLE”** is submitted to **SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY** for partial fulfillment for the award of degree of Bachelor of technology in **INFORMATION TECHNOLOGY**.

It is declared to the best of our knowledge that the work reported does not form part of any dissertation submitted to any other University or Institute for award of any degree.

ACKNOWLEDGEMENT

I would like to express my gratitude to all the people behind the screen who helped me to transform an idea into a real application.

I would like to express my heart-felt gratitude to my parents without whom I would not have been privileged to achieve and fulfill my dreams. I am grateful to our principal, **Dr.T.Ch.Siva Reddy**, who most ably run the institution and has had the major hand in enabling me to do my project.

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I would like to thank my internal guide **Ms.Pradeepthi** for her technical guidance, constant encouragement and support in carrying out my project at college.

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The satisfaction and euphoria that accompany the successful completion of the task would be great but incomplete without the mention of the people who made it possible with their constant guidance and encouragement crowns all the efforts with success. In this context, I would like thank all the other staff members, both teaching and non-teaching, who have extended their timely help and eased my task.

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RAHUL TEJA

INTELLIGENT ALERT SYSTEM FOR FOREST TRIBAL PEOPLE

ABSTRACT

All the tribal population of India were traditionally closely associated with forests, and there are some who even today spend the greater part of their lives in the proximity of trees and villages or clans near to forest. If any dangerous predators when entered into a village or clan may lead to loss of resources or in extreme cases leads to loss of life.

The proposed Intelligent alert system for forest tribal people model is based on neural networks (CNN) incorporated with an alerting system. This system will monitor the entire villages of surrounding forests at regular intervals through a camera. Once any dangerous animal is detected then it will send information to the people in the village and it will produce an appropriate sound or alarm in the village to alert the people.

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