**Team ID: PNT2022TMID09807**

**Project Name: Industry-Specific Intelligent Fire Management System**

# LITERATURE SURVEY

**1.1 SUMMAY OF LITERATURE SURVEY :**

Ahmed Imteaj et.al. Studied the problems faced by factory workers in times when fire breaks out . They proposed a system using Raspberry Pi 3 which is capable of detecting fire and providing information about area of fire. The Raspberry Pi controls multiple Arduino boards which are connected with several motors and cameras to capture the fire incident.In this, they discussed about the modern technology that can be used to reduce extremely unfortunate accidents caused by fire. We designed the whole system and calculated its effectiveness

Ondrej Krejcar proposed a model for location enhancement and personnel tracking using Wi-Fi networks. In this, he has represented the control system concept that is used in handling information of location and control unit operations. The location of the user present in the building, is obtained through Wi-Fi access points [3]. We have studied this to understand the usability of the Wi-Fi networks in live tracking and then have utilized this functionality to track fire and give information about location of fire to various devices intimating people about the mishap.

**1.2 A CAREER PATH RECOMMENDATION FRAMEWORK :**

In North East India’s biodiversity hotspots that are flora and fauna such as the Hoolock

Gibbon and the Phayre’s leaf Monkey, a Bengaluru-based research organization has been gathering data on plant diversity and animal groups as well as mapping the ecosystem.

This article was published in Feb 19, 2019 02:45pm

**1.3 JOB RECOMMENDATION BASED ON JOB SEEKER SKILLS: EMPIRICAL STUDY**

IBM, too, has jumped on to the bandwagon and is aiming to reach out to as many as 3.5 million farmers through its agri Tech apps. “We see Agri Tech as a Rs 5000-crore opportunity in the next five years. We are also working with Niti Aayog to develop a crop-yield prediction model using AI to provide real-time advisories to farmers in backward districts,” says Himanshu goyal, india business leader, the Weather company, IBM.

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**1.4 RECOMMENDER SYSTEMS: A SURVEY**

Says Mam ta sharma of ICRISAT, ”Our project is a combination of better surveillance powerd by satellite images, better forecasts powered by machine learing, ans a robust decision-support system for farmers through a cloud-enabled app. Advanced pest forecasting models and GIS maps are having a significant in crop production and to assess the impacts of climate change in the near future.”

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**1.5 JOB RECOMMEBDATION SYSTEM USING**

**MACHINLEARNING AND NATURAL LANUAGE PROCESSING:**

Business are increasingly called upon to contribute to efforts to protect biodiversity and natural capital. Our article presents the results of on action research conducted with a major company in the environmental sector that has been experimenting with innovative services dedicated to ecosystem management. We show the specific organizational and social challenges the company faced in upscaling this strategy due to its path dependency to its historical value creation model , and to the collective action issues that characterize biodiversity management.

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**1.6 JOB RECOMMENDATION SYSTEM IN PHP:**

We introduce a new interdisciplinary theoretical framework for the development of what we refer to as “business models Industry fire management service,” defined by the very centra

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