**Emerging Methods for Early Detection of Forest Fires**

TEAM MEMBARS:

1.SAMSON. G - 814619106301

2.THARANI .B. S -814619106901

3.SARANYA .C -814619104016

4.SUBASH -814619104019

**LITERATURE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **AUTHOR/YEAR** | **TITTLE** | **MERITS** |
| 1 | Suhas G,Chetan Kumar ,Abhishek B S / 2020 | Fire Detection Using Learning | From sprawling urbans to dense jungles, fire accidents pose a major threat to the world. |
| 2 | Diyana Kinaneva / 2018 | Emerging methods for early detection of forest fires using unmanned aerial vehicles and LoRaWAN sensor networks | The constant evolution of the information and communication technologies has led to the introduction of a new generation of solutions for early detection and even prevention of forest fires |
| 3 | Amit Sharma ,Pradeep Kumar Singh / 2020 | Sustainable Cities and Society | In the current scenario, the concept of Smart Cities is one of the emerging and challenging research areas. It is observed that the proposed system has a higher fire detection rate to improve the true detection of forest fire from 95 to 98 percent. |
| 4 | Debasis Parida / 2021 | IoT Based Forest Fire Detection System using Arduino and GSM Module | It could be avoided if a robust system could be deployed in forest areas to detect the fire and alert to Fire extinguishing authority to take immediate action. |
| 5 | Jijitha R, Shabin P / 2019 | A Review on Forest Fire Detection | In order to prevent the natural resources and human safety and property. Early detection in forest fire can be significant impact on the control of forest fire. Many forest fire detection techniques have been proposed by different researchers. There are so many techniques to detect the occurrence of forest fire. |
| 6 | PRIYADARSHINI M HANAMARADDI / 2016 | Image Processing for Forest Fire Detection | A colour model is an abstract mathematical model describing the way colours can be represented as tuples of numbers (e.g. triples in RGB or quadruples in CMYK). |