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(71)Name of Applicant :
1)Dr. P. D. SELVAM
 Address of Applicant :PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, SIDDHARTH INSTTITUDE OF ENGINEERING & TECHNOLOGY, NARAYANAVANAM ROAD, NEAR TIRUPATHI CHENNAI HIGHWAY, SIDDHARTH NAGAR, PUTTUR, CHITTOOR DISTRICK, ANDHRA PRADESH, INDIA, 517583. -----

2)Dr. C. PRIYA
3)G. RAGHUL
4)Dr. J. RAVINDRAIAH
5)Dr. P. G. KUPPUSAMY
6)Dr. GOMALAVALLI R
7)Dr. J. RAVINDRANADH
8)Dr. B. SAROJA
9)P. BRAHMINI
10)P. MANIMOHAN
 Name of Applicant : NA
 Address of Applicant : NA

(72)Name of Inventor :
1)Dr. P. D. SELVAM
 Address of Applicant :PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, SIDDHARTH INSTTITUDE OF ENGINEERING & TECHNOLOGY, NARAYANAVANAM ROAD, NEAR TIRUPATHI CHENNAI HIGHWAY, SIDDHARTH NAGAR, PUTTUR, CHITTOOR DISTRICK, ANDHRA PRADESH, INDIA, 517583. -----

2)Dr. C. PRIYA
 Address of Applicant :PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, SIDDHARTH INSTTITUDE OF ENGINEERING & TECHNOLOGY, NARAYANAVANAM ROAD, NEAR TIRUPATHI CHENNAI HIGHWAY, SIDDHARTH NAGAR, PUTTUR, CHITTOOR DISTRICK, ANDHRA PRADESH, INDIA, 517583. -----

3)G. RAGHUL
 Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, SIDDHARTH INSTTITUDE OF ENGINEERING & TECHNOLOGY, NARAYANAVANAM ROAD, NEAR TIRUPATHI CHENNAI HIGHWAY, SIDDHARTH NAGAR, PUTTUR, CHITTOOR DISTRICK, ANDHRA PRADESH, INDIA, 517583. -----

4)Dr. J. RAVINDRAIAH
 Address of Applicant :PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, SIDDHARTH INSTTITUDE OF ENGINEERING & TECHNOLOGY, NARAYANAVANAM ROAD, NEAR TIRUPATHI CHENNAI HIGHWAY, SIDDHARTH NAGAR, PUTTUR, CHITTOOR DISTRICK, ANDHRA PRADESH, INDIA, 517583. -----

5)Dr. P. G. KUPPUSAMY
 Address of Applicant :PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, SIDDHARTH INSTTITUDE OF ENGINEERING & TECHNOLOGY, NARAYANAVANAM ROAD, NEAR TIRUPATHI CHENNAI HIGHWAY, SIDDHARTH NAGAR, PUTTUR, CHITTOOR DISTRICK, ANDHRA PRADESH, INDIA, 517583. -----

6)Dr. GOMALAVALLI R
 Address of Applicant :PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, SIDDHARTH INSTTITUDE OF ENGINEERING & TECHNOLOGY, NARAYANAVANAM ROAD, NEAR TIRUPATHI CHENNAI HIGHWAY, SIDDHARTH NAGAR, PUTTUR, CHITTOOR DISTRICK, ANDHRA PRADESH, INDIA, 517583. -----

7)Dr. J. RAVINDRANADH
 Address of Applicant :PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, R.V.R & J.C COLLEGE OF ENGINEERING, CHANDRAMOULIPURAM, CHOWDAVARAM, GUNTUR, ANDHRA PRADESH, INDIA, 522019. -----

8)Dr. B. SAROJA
 Address of Applicant :PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, SIDDHARTH INSTTITUDE OF ENGINEERING & TECHNOLOGY, NARAYANAVANAM ROAD, NEAR TIRUPATHI CHENNAI HIGHWAY, SIDDHARTH NAGAR, PUTTUR, CHITTOOR DISTRICK, ANDHRA PRADESH, INDIA, 517583. -----

9)P. BRAHMINI
 Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, SIDDHARTH INSTTITUDE OF ENGINEERING & TECHNOLOGY, NARAYANAVANAM ROAD, NEAR TIRUPATHI CHENNAI HIGHWAY, SIDDHARTH NAGAR, PUTTUR, CHITTOOR DISTRICK, ANDHRA PRADESH, INDIA, 517583. -----

10)P. MANIMOHAN
 Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, SIDDHARTH INSTTITUDE OF ENGINEERING & TECHNOLOGY, NARAYANAVANAM ROAD, NEAR TIRUPATHI CHENNAI HIGHWAY, SIDDHARTH NAGAR, PUTTUR, CHITTOOR DISTRICK, ANDHRA PRADESH, INDIA, 517583. -----

(57) Abstract :
 The theme of this project is intelligent visual surveillance systems. In recent times, we used surveillance cameras for monitoring and recording moments, but manual surveillance and realtime monitoring is one of the most important and challenging branches of computer vision, which has been widely applied in peoples' life, such as monitoring security. The presence of surveillance cameras and a warning board, stating that the area is under surveillance, can act as a strong deterrent to criminals and thieves, as it is possible to identify people and track their movements, using the recorded footages. It can be more advanced with Wi-Fi, which is a local area network running in a local environment or in a distributed setting. Wi-Fi network protocol is one of the leading communication technologies used in the IoT world which supports low transmit power along with low cost. ESP32 is the second generation of Express if corporation IoT solution and it includes Wi Fi. ESP32 reduces high network traffic and computing load. This system facilitates the user to receive notifications whenever the intrusion is detected with the help of sensors connected with the surveillance cameras^

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