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**PONDICHERRY – VILLUPURAM – CHENNAI - HYDERABAD**

## **Crowd sourcing based Description of Urban Emergency Events using Social Media Big Data**

### **ABSTRACT**

- Crowd sourcing is a process of acquisition, integration, and analysis of big and heterogeneous data generated by a diversity of sources in urban spaces, such as sensors, devices, vehicles, buildings, and human.
- Especially, nowadays, no countries, no communities, and no person are immune to urban emergency events.
- Detection about urban emergency events, e.g., fires, storms, traffic jams is of great importance to protect the security of humans.
- Recently, social media feeds are rapidly emerging as a novel platform for providing and dissemination of information that is often geographic.

### **EXISTING SYSTEM**

- Crowd sourcing is a process of acquisition, integration, and analysis of big and heterogeneous data generated by a diversity of sources in urban spaces.

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- Such as sensors, devices, vehicles, buildings, and human.
- With the help of cloud computing , internet of things and Big Data, crowd sourcing connects unobtrusive and ubiquitous sensing technologies, advanced data management and analytics models, and novel visualization methods, to create solutions that improve urban environment, human life quality, and city operation systems

## **PROPOSED SYSTEM**

- In order to detect and describe the real time urban emergency event, the 5W (What, Where, When, Who, and Why) model is proposed.
- Firstly, users of social media are set as the target of crowd sourcing. Secondly, the spatial and temporal information from the social media are extracted to detect the real time event.

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## **HARDWARE REQUIRMENTS**

- System : Pentium IV 2.4 GHz.
- Hard Disk : 40 GB.
- Floppy Drive : 1.44 Mb.
- Monitor : 15 VGA Colour.
- Mouse : Sony.
- Ram : 512 Mb.

## **SOFTWARE REQUIRMENTS**

- Operating system : Windows XP.
- Coding Language : ASP. Net with C#
- Data Base : SQL Server 2005.

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