



UNMANNED FIRE SUPPRESSION SYSTEM

About

The technology relates to a fire suppression system that detects, navigates and extinguishes fire automatically. It can be installed at train compartments, buses, and large vehicles like aeroplanes, submarines, ships, residential and non-residential area. The technology offers instant action depending upon the type/object of the surrounding & extinguishes the fire. Thus it saves both labour and money.

USP

- Automatically detects, navigate & extinguishes fire
- Take instantaneous action
- Employs CO₂, dry powder, foam spray or wet chemical as fire extinguishing agents
- Communicates with emergency services
- Directs people in dark and enclosed spaces.

Competitive Advantage

- Can be installed at residential & non-residential places
- Saves unaffected objects during fire accidents
- Works in all-weather condition
- Needs no skilled person
- Eco friendly

Development status

- Prototype is ready

Intellectual Property status

- Indian Patent Granted

Awards & Recognition

- Presented and earned prizes at 21 National Level Technical Symposiums.

Looking for commercializing partner for out-licensing the technology

Contact at reema.fitt@gmail.com

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Innovation-Technology Transfer Office, a regional tech transfer office established at FITT with support from NBM, BIRAC

