



What's up in Security?

 Transport buses in India to come with fire extinguishers and alarm systems.

What?

All buses plying on Indian roads with a seating capacity of more than 23 will have inbuilt fire safety systems including all school buses, effective from April 2020.

Why?

- Modern low floor buses have engines at the rear and if a potential fire hazard occurs, the drivers may not come to know about it before it is too late.
- Short circuits and fuel leakage are the common causes of such fire hazards.

How will it work?

- 1 • (FDSS) will be able to detect fire hazards in the engine compartment using sensors that can receive inputs when temperatures are higher than usual or the rate of rise in temperature is abnormal.
- 2 • System then notifies the driver with visual and audible warnings.
- 3 • Fire extinguishing cylinders fitted in buses are linked to the engine through a pipe. As soon as the fire is detected, the liquid from the cylinder is released and sprayed quickly to douse the fire.