



KAMARAJ IAS ACADEMY
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Improvised Explosive Device (IED) Used in Red Fort Car Blast

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Investigators suspect that the recent car blast near the Red Fort in New Delhi may have been caused by an improvised explosive device (IED).

About Improvised Explosive Device (IED)

- An Improvised Explosive Device (IED) is a homemade or non-standard explosive weapon assembled from commercial or military components to cause damage.
- Wide Range: IEDs can be built using pressure cookers, metal pipes, chemical fertilisers, cell phones, vehicle parts and other readily available items.
- Size Variation: Their size ranges from small improvised devices to large vehicle-concealed bombs known as Vehicle-Borne IEDs (VBIEDs).
- Core Components: A typical IED contains five elements: *Switch* (Trigger), *Initiator* (Detonator), *Main Charge* (Explosive Material), *Power Source* (Battery), and *Container* (Casing).
- Lethal Enhancements: Many IEDs include nails, ball bearings, or hazardous chemicals to maximise casualties during detonation.
- Trigger Methods: Common triggering systems include command-operated remote methods, timer-based systems, and victim-operated mechanisms (i.e., pressure plates).

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