

## Moving Off Information Systems (MOIS)

By IASToppers | 2023-12-16 15:40:00



### Moving Off Information Systems (MOIS)

Technical committees of the Government recently formulated a standard for **Moving Off Information Systems (MOIS)** for vehicles.



[Ref- New Indian Express]

### **About Moving Off Information Systems (MOIS):**

- MOIS is an **advanced driver assistance system** to aid drivers in low-speed moving off from rest manoeuvres to **prevent collisions**.
- It may involve collisions between different category vehicles and **vulnerable road users** (pedestrians and cyclists).
- The system detects and informs the driver citing the presence of by-goers in proximity forward **blind spot of the vehicle**.
- Central Motor Vehicle Rules-Technical Standing Committee (**CMVR-TSC**) and Automotive Industry Standards Committee (**AISC**) formulated the standards of MOIS in India.
- **Specific vehicle categories include:**
  - **M2:** A motor vehicle used for carriage of passengers, having nine or more seats and a driver's seat with maximum **Gross Vehicle Weight (GVW)** of five tonnes.
  - **M3:** A motor vehicle for passengers, comprising nine or more seats and a driver's seat with a GVW exceeding five tonnes.
  - **N2:** Motor vehicle used for carriage of goods and a GVW between 3.5-12 tonnes.
  - **N3:** Motor vehicle used for carriage of goods and a GVW exceeding 12 tonnes.
- The **Motor Vehicles Act, 1988** and **Central Motor Vehicle Rules, 1989** prescribes heightened penalties for traffic rule violations, emphasizing road safety.
- Its enforcement falls within the jurisdiction of respective **State Governments and UT administrations**.
- The [National Highways Authority of India \(NHA\)](#) has introduced a **Computer Aided Dispatch System** to assist call centre operators in locating the nearest available on-road units (ambulance/crane/patrol unit).
  - **NHA** is responsible for the development, maintenance and management of National Highways in India under **Ministry of Road Transport and Highways (MoRTH)**.
- The NHA **ERS Mobile Application** facilitates the swift relay of dispatch-related information to on-road units, enhancing emergency response times.