

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
RAJYA SABHA
UNSTARRED QUESTION NO- 2487
ANSWERED ON- 22/03/2023

CONSTRUCTION OF SMART ROADS FOR HILLY AREAS

2487. SMT. SHANTA CHHETRI:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

- (a) details of death due to Avalanche destroying National Highways in hilly areas in the past three years;
- (b) steps taken by the Ministry in research and development to build anti-Avalanche Highways;
- (c) whether Government is aware of Smart Roads and its implementation in hilly terrain for sustainable safe Road; and
- (d) if so, the details thereof if not, the reasons therefor?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS
(SHRI NITIN JAIRAM GADKARI)

- (a) No death has been reported on National Highways due to avalanches in hilly areas in the last three years.
- (b) The "Hill Road Manual" published by Indian Roads Congress (IRC) has specified guidelines on avalanche control measures in hilly areas. National Highways in avalanche prone areas are constructed as per these guidelines.
- (c) & (d) National Highways in hilly terrain including traffic management thereon, weather/land slide warning & information systems are provided for guidance of traffic apart from tunnels and viaducts particularly in high altitude areas for seamless traffic movement.
