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Kanchanjunga Express collision was 'accident-in-waiting', could have been avoided:

Probe report

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Railway safety body has called for imple:

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protection system — KAVACH — on top priority, in its final report

Written by **Dheeraj Mishra**

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On June 17, a total of 10 persons, including the loco pilot of a goods train and train manager of Kanchanjunga Express, were killed after the Sealdah-bound passenger train from Agartala was hit by a goods train from the rear in West Bengal's Darjeeling district, 11 km from New Jalpaiguri railway station. (File photo)

Holding station staff to officials at divisional and zonal railway levels responsible, the Commissioner of Railway Safety (CRS) said that the Kanchanjunga Expressgoods train collision in West Bengal this June was an "accident-in-waiting" due to "lapses at multiple levels" in managing train operations in the event of "automatic signal failures", and could have been avoided.

The railway safety body also called for implementation of the automatic trainprotection system—KAVACH—on top priority.

On June 17, a total of 10 persons, including the loco pilot of a goods train and train EXPRESS PREMIUM manager of Kanchanjunga Express, were killed at train from Agartala was hit by a goods train from Darjeeling district, 11 km from New Jalpaiguri rai also led to injuries to 43 others.

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The accident site is in the Katihar Division of Northeast Frontier Railway (NFR).

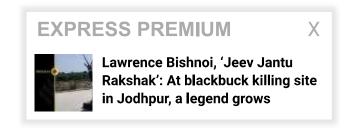
In its final report, the CRS said that issuance of flawed authority letter to pass the defective automatic signals, non-issuance of caution order, non-availability of critical safety equipment (walkie-talkie), and inadequate counselling of loco pilots and station masters were the major factors behind the accident.

CRS classified the accident under the category of "Error in train working".

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The CRS held that the station master and station superintendent of Rangapani railway station, and chief loco inspector, and traffic inspector of New Jalpaiguri were primarily responsible for the accident.

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My Express UPSC World India Explained Opinion **Politics** Home ePaper Entertainment Business Sport uciective automatic signais, was nawed as it did not have any membri or the maximum permissible speed to be followed by the loco pilot.

"The Authority (letter) was issued to the Loco Pilot without any caution order creating an impression in the mind of the Loco Pilot to pass the signal as per sectional speed. Further it was not signed by the Train Manager and thus, the train manager was not aware of the defective signals in the section ahead. The issue of faulty authority and poor counselling of train running staff and station staff were the major factors for the accident. The non availability of Walkie-Talkie sets has resulted in poor communication between Loco Pilot, Train Manager & Station Master which could have helped in reducing the misunderstanding in train operation. This was an avoidable accident, had the officials of the concerned department followed the prescribed rules/guidelines," reads the report.

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The rail safety body also said that station staff did not have the clarity on how to issue proper authority in the event of signal failures.

The CRS ruled out natural convulsions, intoxication of loco pilot, and negligence, over speeding, or bad enginemanship of loco pilot as a cause or contributing factor in the accident.

"Due to improper authority and that too without adequate information, such an incident was 'Accident-in-waiting' and finally occurred on 17.06.2024... It is worthwhile to mention that there have been 275 1 signal) section of Katihar division since its commi 20.06.2024. The large number of signaling failure defeating the very purpose of mobility enhancem also," reads the report.

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The CRS also found that the inadequate counselling of train operation staff — loco pilot, assistant loco pilot, train manager, and station masters — was also an

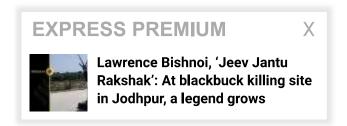
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The report also pointed to "a heavy shortage" of walkie-talkie sets in the Katihar Division, where the accident took place, stating that even on the day of the accident, 18 goods train crew were not issued walkie-talkie sets.

In its detailed report, CRS also looked into earlier cases of signal failures and found that a total of 208 incidents of dangerous signal passing occurred in the five years ended March 31, 2024.

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"...(of these 208 incidents) 12 cases resulted in collision, highlights the limitation of preventive measures taken by the zonal railways. This underscores the need for the implementation of the automatic train-protection system (KAVACH) on top

Home ePaper My Express UPSC World India Explained Opinion Politics Entertainment Business Sport a cause of concern and should be taken up with NDSO (Research Design and Standards Organisation) and OEMs (original equipment manufacturers) to improve the reliability of the system," said the CRS.

In its other recommendations, CRS said: "Crash worthiness features of the passenger coaches shall be reviewed. On priority, at least the last two coaches of every passenger-carrying train should have crash-worthiness features. All new coaches should be turned out with crash-worthiness features and existing coaches shall be retro-fitted during major schedules of coaches."

It further said that the Railways is in the process of retro-fitment of crew voice and video recording system (CVVRS) in locomotives to record the conversation between the loco pilot, the train manager, and the station master, among others, and it shall be implemented on priority.

CRS started its inquiry on June 19, 2024, which continued till July 11, 2024.

During the inquiry, a total of 52 Railway officials and two non-railway officials submitted their deposition, out of which 34 railway officials were cross examined.

Action taken by the Ministry

The Ministry of Railways said that disciplinary action has already been initiated against all the employees found responsible for the accident as per the recommendation of the CRS Report.

"Employees found to be primarily responsible for the accident have been issued major penalty chargesheets and other responsible minor penalty chargesheets," said the Ministry in The Indian Express.

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On the question of steps taken to rectify errors and provide warkie-tarkie sets, the Ministry said: "Amendment in the relevant sections of the General and Subsidiary Rules (G&SR) of the Indian Railways has been carried out. Amendment Slip No. 50 has been issued on this railway and the Unified SR as recommended by Railway Board has been implemented... Necessary improvements in the format of the books

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"Procurement of adequate numbers of safety equipment including replacement of all defective walkie-talkies has already been ensured. Presently, there is no shortage of any safety equipment across N.F. Railway," said the Ministry.

It also said that training and counselling of all frontline railway staff, including station masters, loco pilots, loco inspectors, and train managers have been carried out.

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Dheeraj Mishra

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