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17.	LIBSYS	Library Management Software.
18.	STAAD PRO Software	Analysis of Structures.
19.	GEOSLOPE	Slope Stability Analysis for Track Formation.
20.	AVL Exite	NVH and fatigue analysis of engine.
21.	Solid Works	For Drawing designing in 3D.
22.	CATIA PLM	Finite Element
23.	RADIOSS	Finite Element Analysis Software solving large number high linear and non linear dynamics problems with larger displacements, large strains, contact and material non linearity.
24.	Reliability Software including X FRACAS module	Reliability analysis based on different statistical tools and life cycle costing.
25.	Miniprof Rail	For measurement of rail profile
26.	Kissoft	Gear Design Software

(II) Details of Hardware:

- High Performance Computing Cluster — 1 No.
- Servers — 17 Nos.
- Workstations — 28 Nos.
- Computer — 1154 Nos.

LAN connectivity has been given for effective use of above software and hardware.

(c) and (d) Yes, Sir. Number of staff trained on these specialised softwares is 300. Some of the staff are trained by the software and hardware providers and others are trained In-house. The trained officials are handling new technology smoothly.

(e) Approximate expenditure incurred for developing these technologies is Rs. 18 crore.

Change in logo of Railways

2781. SHRI A. ELAVARASAN : Will the Minister of RAILWAYS be pleased to state :

(a) whether Railways have decided to change its more than 60 years old logo and give it more contemporary and people — friendly face, a strategy to unlock value and create new revenue streams; and

(b) if so, the details thereof and the action plan to make it more dynamic, modern and forward looking?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS
(SHRI BHARATSINH SOLANKI): (a) No, Sir.

(b) Does not arise.

Compensation in train accident cases

†2782. SHRI AVTAR SINGH KARIMPURI: Will the Minister of RAILWAYS be pleased to state:

(a) the total number of train accidents taken place throughout the country in the last three years;

(b) the number of unmanned level crossings throughout the country;

(c) the efforts being made by Government to avert accidents on these unmanned level crossings;

(d) the total amount of compensation given to family members of those died in such accidents and the number of those who were given jobs; and

(e) the State-wise and year-wise details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS
(SHRI BHARATSINH SOLANKI): (a) Number of consequential train accidents, *i.e.*, collisions, derailments, manned level crossing accidents, fire in train and miscellaneous accidents which took place on Indian Railways during 2008-09, 2009-10, 2010-11 were 115, 100 and 93, respectively.

(b) As on 01.04.2011, there are 14896 Unmanned Level Crossings over Indian Railways.

(c) Various steps have been taken by the Railways to prevent incidents at the unmanned level crossings which include ensuring availability of basic infrastructure at these level crossings, public awareness and publicity campaigns through electronic and print, media, mass messaging (SMSs) to educate the road users, joint ambush checks with involvement of civil authorities to penalise the erring road users, progressive manning, provision of subway at technically feasible locations, construction of diversion road upto adjacent manned gates/grade separators, Road Over Bridge/Road Under Bridge, closure of such unmanned level crossings which are having negligible rail/road traffic, etc.

†Original notice of the question was received in Hindi.