

1: Impact of Computerisation in Indian Railways

1Q78 Computers in Railways Studies aimed at predicting the maximum capacity for a particular railway are often limited to 'plain-track scenarios.

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2: Computers in Railways VI (Advances in Transport Vol 2) - Ebook pdf and epub

Computers in Railways VII frequency of the pulse converter. The inverter is based on PWM switching method to control the torque and speed of the motor.

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3: Computers in Railways VII (Advances in Transport) - Ebook pdf and epub

The model new millennium has seen the dawn of considerable elementary modifications in the technology used for railway operation. These embrace the introduction of cellular radio for main line and mass transit follow control and Maglev for business software.

Railway transport occupies a significant role in the transport system of a country because the development of trade, industry and commerce of a country largely depends on the development of railways. It facilitates long distance travel and transport of bulky goods which are not easily transported through motor vehicles. It is a quick and more regular form of transport because it helps in the transportation of goods with speed and certainty. It helps in the industrialization process of a country by easy transportation of coal and raw-materials at a cheaper rate. It helps in the quick movement of goods from one place to another at the time of emergencies like famines and scarcity. It encourages mobility of labour and thereby provides a great scope for employment. Railway is the safest form of transport. The chances of accidents and breakdown of railways are minimum as compared to other modes of transport. Moreover, the traffic can be protected from the exposure to sun, rain snow etc. The carrying capacity of the railways is extremely large. Moreover, its capacity is elastic which can easily be increased by adding more wagons. It is the largest public undertaking in the country. Railways perform many public utility services. Their charges are based on charge what the traffic can bear principles which helps the poor. In fact, it is a national necessity. The railway requires a large investment of capital. The cost of construction, maintenance and overhead expenses are very high as compared to other modes of transport. Moreover, the investments are specific and immobile. In case the traffic is not sufficient, the investments may mean wastage of huge resources. Another disadvantage of railway transport is its inflexibility. Its routes and timings cannot be adjusted to individual requirements. Rail transport cannot provide door to door service as it is tied to a particular track. Intermediate loading or unloading involves greater cost, more wear and tear and wastage of time. The time cost of terminal operations are a great disadvantage of rail transport. As railways require huge capital outlay, they may give rise to monopolies and work against public interest at large. Even if controlled and managed by the government, lack of competition may breed in inefficiency and high costs. Railway transport is unsuitable and uneconomical for short distances and small traffic of goods. It involves much time and labour in booking and taking delivery of goods through railways as compared to motor transport. Because of huge capital requirements and traffic, railways cannot be operated economically in rural areas. Thus, large rural areas have no railway even today. This causes much inconvenience to the people living in rural areas.

4: Computers in Railways: VII : S. Sone :

Computers are now being employed extensively in every field during the whole lifecycle of a railway project from initial conception through development operation, maintenance and ultimately decommissioning.

Abstract Indian Railway was one of the first few government departments to introduce computers in the country. Computerisation on Indian Railways started in the late 60s with the induction of IBM s in the nine zonal railways, three production units, and the Railway Board. While these systems proved to be beneficial to the Railways, they were soon found to be inadequate to cater to the increasing requirements. But it was only in the VII th plan period from when these IBM s were replaced with third and fourth generation computer systems. Computerisation in the production units and the zonal railways were strengthened, and computers were introduced in the divisions, workshops and stores. Suggested Citation Ramani, K. To find whether it is available, there are three options: Check below whether another version of this item is available online. Perform a search for a similarly titled item that would be available. More about this item Access and download statistics Corrections All material on this site has been provided by the respective publishers and authors. You can help correct errors and omissions. See general information about how to correct material in RePEc. For technical questions regarding this item, or to correct its authors, title, abstract, bibliographic or download information, contact: General contact details of provider: If you have authored this item and are not yet registered with RePEc, we encourage you to do it here. This allows to link your profile to this item. It also allows you to accept potential citations to this item that we are uncertain about. We have no references for this item. You can help adding them by using this form. If you know of missing items citing this one, you can help us creating those links by adding the relevant references in the same way as above, for each referring item. If you are a registered author of this item, you may also want to check the "citations" tab in your RePEc Author Service profile, as there may be some citations waiting for confirmation. Please note that corrections may take a couple of weeks to filter through the various RePEc services. More services and features.

5: Impact of computerisation in Indian railways

Describing how engineers, planners, designers, manufacturers and operators can benefit from the developments in computers in railways, this text contains the proceedings of the Seventh International Conference on Computer Aided Design, Manufacture and Operation in the Railway.

6: Ministry of Railways (Railway Board)

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7: Rail transport in Russia - Wikipedia

ISBN Computers in Railways VII Figure 6: Some windows of the tool our catenary model. because this algorithm is the first step in the automatic design of different types of catenaries. This procedure has been called " normal gap".

8: Railway Board Circulars for Railway Employees

This paper presents the basis for the mechanical calculation of the catenary system in a railway, considering static wire equations. The objective is to allow an increment in the speed in railways by developing an accurate mechanical calculation of the electric wiring known as catenary. Two.

9: What are the advantages & disadvantages of railway transport?

Necessary Advance Correction Slip to the chapter XI of the Indian Railway Establishment Manual, Vol.I Revised Edition, will follow. 6. The revised orders are effective from i.e. the date of the issue of the aforesaid OM of the Ministry of Finance.

Portraits of People in Places Not Like Home Ten Steps to Helping Your Child Succeed in School (Mychal Wynn on Parenting (Mychal Wynn on Parenting) The Local Church, Agent of Transformation A literary forecast. Knowledge and practice Edit in acrobat pro 10 Government in america edwards 16th edition The catholoic dictionary internet archive The Accidental Assassin ENJOYMENT AND THE ACTIVITY OF MIND. Dialogues on Whitehead and Education. (Value Inquiry Book Series 100 Artworks for Elementary Teachers Force theory of origin of state The power of friends Adolescent Substance Abuse Treatment in the United States Coverage of sensation and disaster : the gaining and keeping of audiences 48. James Bascom Henry The four great temples Committee on Organization of the Ninth International Medical Congress, to be held in Washington, D.C. in Sample preparation (dilution, liquid-liquid or SPE extraction, derivatization, etc.) Measurement abbreviations Escape from Death Valley Case of Thomas J. Mooney and Warren K. Billings Fine-Grained Sediments Claim of Black Beaver, a Delaware Indian. Letter from the Secretary of War in relation to the claim of BI Japanese Americans struggle for equality D&d dm guide npc sheets How can I be a detective if I have to baby-sit? Conquest (Encanto (English)) Appendix 4: Design evolution of Giulietta Berlinas and TIs Multiplication rule of probability worksheet Human history viewed as sovereign individuals versus manipulated masses Transfer of property act Shakespeare in the eighteenth century Edward John, by the grace of God and the favor of the Apostolic See, Bishop of Kingston Paintings from the collection of the Solomon R. Guggenheim Museum. National guide to funding for community development A lodging for the night Robert Louis Stevenson Voyage round the world (Nagasaki, 1804-5 Ivan Krusenstern A Difficult Truce (Signet Regency Romance) Chapter 8: 1914-1938, Early Life 119