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Efftronics Develops New System for Railways

Standalone trial of the new system has been permitted by RDSO at Vijayawada and three other railway stations

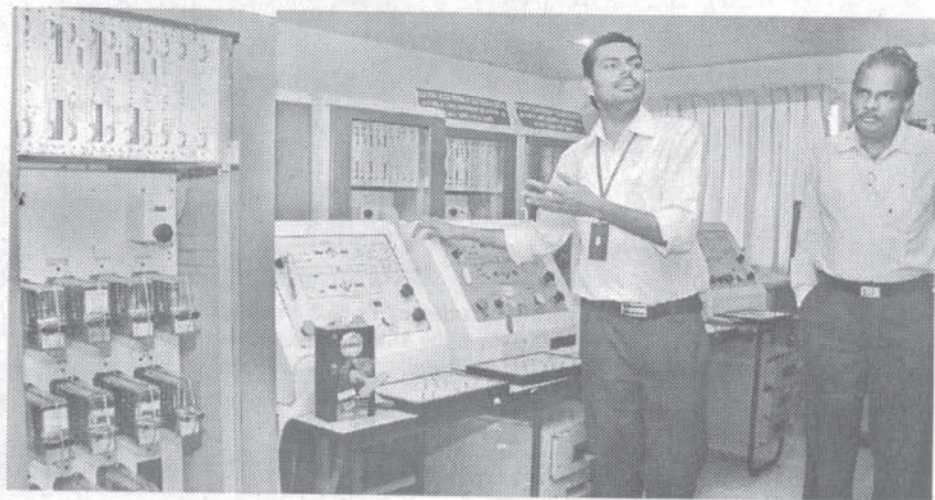
Express News Service

Vijayawada: Efftronics Systems Private Limited has developed a Solid State Block Proving By Axle Counter (Digital), a micro computer based electronic system, to replace the present electro mechanical block instruments in Railways.

IT TOOK 9 YEARS FOR A TEAM OF TEN ENGINEERS TO DEVELOP THE NEW SYSTEM

Displaying the new product at a press meet here on Tuesday, D Rama Krishna, managing director of Efftronics, said the new system which was developed at a cost of ₹7 crore, was approved by the Research Designs and Standards Organisation (RDSO) of Indian Railways, Lucknow.

Its software was evaluated by the Centre for Knowledge Based Systems (CKBS), Jadavpur University, Kolkata, and hardware by Electronics Regional Test Labo-



Efftronics Systems Private Limited project manager D Anvesh explaining the salient features of Solid State Block Proving By Axle Counter (Digital) in Vijayawada on Tuesday. Efftronics managing director D Rama Krishna is at right. | Ch Narayana Rao

ratory (East), Kolkata. This accurate system completely made with indigenous components is a result of nine years of effort by more than 10 engineers. It has also met the European Safety Standards, he said.

After its satisfactory performance in the parallel field trials, the RDSO has permitted the standalone trial for a period of 90 days

at Bhimadole, Pulla, Gunadala and Vijayawada stations, Rama Krishna added.

SRT Ramā Swamy, executive manager of Efftronics, said the block instrument is compatible to the present copper-based machines and also fibre optics. The operational time of the instrument is hardly 3 seconds compared to 3 minutes of

that of the existing system, which helps run more number of trains on the same track. The system's performance can be monitored remotely through the network at the central place without going to the station, he added.

GV Krishna Rao, general manager of Efftronics and others were present at the press conference.