Publisher's Note

Overwhelming popularity of Kapil Dev's "Workshop Calculation & Science" book among ITI trainees and apprentices over the years has prompted us to bring latest editions of books which will fulfil the aspirations of trainees of all ITI trades to succeed in the new pattern of exams. DGT introduced the New Pattern of Trade Testing for final Trade Tests, which has put Training Officers and trainees in a fix situation since simple and easy study material of this pattern is not easily available in the market for vast and far flung areas of our country where ITIs are located.

The reason for Kapil Dev's book being quite popular among trainees and Instructors is its easy and simple approach that is understandable by average trainees without difficulty.

Salient features of books under this new series are:

- ➢ Large no. of new pattern Solved Examples under each topic
- ➢ New pattern Assignment (with answers) – including Latest Exam Questions
- ➢ Easy Topics Summary in lucid language
- ➢ New Syllabus Strictly followed
- ➢ NIMI-Pattern Based 10 Model Papers (With Key)

We trust that with the help of this book, trainers and trainees will be highly benefitted in achieving success in their training and exams under the new pattern.

We wish for successful training and bright future for all trainees.

Dedicated to my parents

Smt. Gonella Venkata Lakshmi

(22-08-1930 to 08-12-2011)

Noble, Kind, Broad-minded, Large-hearted,
Symbol of sacrifice
who, besides up-bring her own children in hard conditions and despite being widowed at early stage of her life, helped many poor, economically backward, with food, clothes, school fees, irrespective of cast and religion.

Shri. Gonella Suryanarayana Murthy

(1916–1960)

He sacrificed his life for uplifting of school students providing financial assistance, food and clothes, besides giving free coaching to vocational trainees.

(G.V. Ramana Murthy)

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