



GOVERNMENT OF TAMIL NADU

HIGHER SECONDARY FIRST YEAR

VOCATIONAL EDUCATION

Basic Mechanical Engineering

THEORY & PRACTICAL

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Department of School Education

Untouchability is Inhuman and a Crime

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PREFACE

This book “**Basic Mechanical Engineering**” has been written entirely based on new syllabus framed by TNSCERT. The subject matter is explained in a simple manner and simple language, lightened by sufficient colourful diagrams, illustrations with learning objectives.

In each chapter, Quotes, Activities, “Do you Know” and web search link have been given to enhance the student knowledge. QR Codes, ICT Corner for the tough area of the subject are marked which helps the students to understand the subject further in detail and quickly. Line diagrams as well as 3-Dimension views are given for easy understanding. Model Question has also been included at the end of the last chapter.

We sincerely convey my thanks to the Director, Joint Director and Staff members whose patronage on this book to come out successfully and the committee of experienced Teachers who beard the responsibility of the book to come out in good shape.

In spite of all our efforts, some errors and mistakes might have crept in. Any error or misprint, if pointed out and any suggestion for the improvement of the book will be thankfully acknowledged.

Basic Mechanical Engineering has been revamped by SCERT in collaboration with Tamil Nadu Skill Development Corporation in order to get immediate employment opportunities for the vocational students in the Industrial Sectors in future. The skill certificate for practical assessment is given to every student by concerned Sector Skill Councils (SSCs) which are accredited by National Skill Development Corporation (NSDC) and TNSDC.

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E-book



Assessment

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Basic Mechanical Engineering

THEORY

