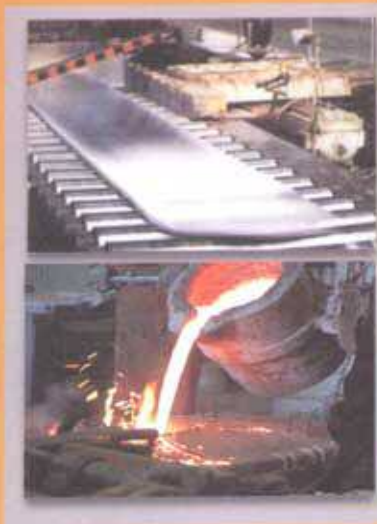


MANUFACTURING PROCESSES AND AUTOMATION

R.S. PARMAR



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MANUFACTURING PROCESSES AND AUTOMATION

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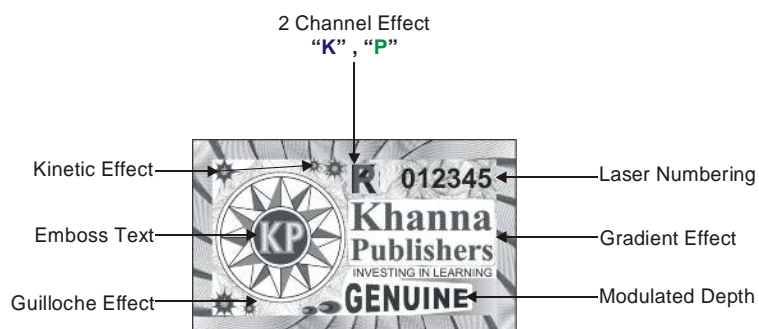
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Dedicated to

***the student community the world over
and
the organisations where I had a chance to
interact with them on this subject more
closely and actively, including
I.I.T., Delhi
N.S.I.T., Delhi
N.I.T., Srinagar (Kashmir)
and
Brunel University, London (U.K.)***

PREFACE TO THE FIRST EDITION

Manufacturing is a very vast field and it employs a wide variety of Manufacturing Processes to produce the desired end product. It may not be possible to include, in a book, each and every process that the industry may use. However, innumerable attempts have been made the world over to pass on the available knowledge to the practising engineers and engineering students through books on Workshop Technology, Production Engineering, Manufacturing Processes and the like. This book is another such attempt wherein efforts have been made to describe all major manufacturing processes which include the conventional very well established processes and those which have comparably recently appeared on the scene.

It is sincerely wished that the book may prove to be useful to the engineering students both at degree and diploma levels as also to the practising engineers and the engineering faculty.

New Delhi,
15-10-2008

R.S. Parmar

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