

Construction Materials

[Gums, Adhesives & Sealants Technology & Their Applications \(with Formulae\)](#)

Author: NIIR Board of Consultants & Engineers

Format: Paperback

Book Code: NI8

Pages: 700

ISBN: 8178330954

Price: Rs. 975.00 **US\$** 100.00



Gums, Adhesives and Sealants are occupying by and large, a conspicuous plateau in the modern industrial world by virtue of their versatility in diverse fields of applications. This potentially useful book furnishes technical aspects of various types of gums, adhesives and sealants which are so useful to a new entrepreneurs or established one. The book delineates in detail formulae, processes of various gums, adhesives and sealants along with addresses of machinery and raw material suppliers.

[ALL INDIA DIRECTORY OF ARCHITECTS, INTERIOR DECORATORS, BUILDING CONTRACTORS, BUILDERS & CONSTRUCTION MATERIALS](#)



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[The Complete Technology Book on Hot Rolling of Steel](#)

Author: NIIR Board of Consultants & Engineers

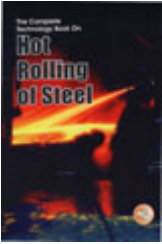
Format: Paperback

Book Code: NI147

Pages: 656

ISBN: 8186623930

Price: Rs. 1,100.00 **US\$** 125.00



Although the cold rolling of non-ferrous materials has been practiced since the fourteenth century, the hot rolling of steel was begun in the latter half of the seventeenth century or just over 300 years ago. The subject of hot rolling is broad enough even if confined solely to the deformation processes themselves. However, many of the problems occurring in hot rolling originate in earlier processes, such as casting, soaking and the conditioning and reheating of semi finished products. For this reason, it was felt desirable to discuss these topics in some detail in this book. It is hoped that this book will be very useful for researchers, design engineers, personnel responsible for the operation of hot rolling mills, purchasing agents, technocrats, new entrepreneurs etc.

[The Complete Book on Ferrous, Non-Ferrous Metals with Casting and Forging Technology](#)

Author: NIIR Board of Consultants & Engineers

Format: Paperback

Book Code: NI148

Pages: 504

ISBN: 8186623949

Price: Rs. 1,100.00 **US\$** 125.00



The heat treatment of ferrous (steel) Metal is based on the physical metallurgical principles which relate processing properties and structure. In heat treatment, the processing is most often entirely thermal and modifies only structure. The principles which govern heat treatment of metals and alloys are applicable, of course, to both ferrous and non-ferrous alloys. However, in practice there are sufficient differences to make it convenient to emphasize as separate topics the peculiarities of the alloys of each class in their response to heat treatment. The Present book covers production processes, heat treatment and other valuable details of ferrous and non-ferrous metals. This is very helpful book for new entrants, technocrats, research scholars, libraries and existing units.

[The Complete Book on Glass and Ceramics Technology](#)

Author: NIIR Board of Consultants & Engineers

Format: Paperback

Book Code: NI163

Pages: 624



ISBN: 8178330334

Price: Rs. 1,275.00 **US\$** 125.00

The technology of glass ceramics are now a days wide field involving a great variety of raw materials, manufacturing processes, as well as products, and of considerable diversity in theoretical background. The manufacture of traditional glasses and ceramics is based on the utilization of the most widely occurring natural raw materials. The efforts have been made to provide maximum and latest information about processing of glass and ceramics and their products in this book. This book will be vary useful for entrepreneurs, technocrats, manufacturers of glass and ceramic products, research scholars, technical institutions etc.

[Steel Rolling Technology Handbook](#)

Author: NIIR Board of Consultants & Engineers

Format: Paperback

Book Code: NI167

Pages: 544



ISBN: 8178330369

Price: Rs. 1,100.00 **US\$** 125.00

The steel industry has had a long history of development, yet, despite all the time that has passed, it still demonstrates all the signs of longevity. New ideas continue to revolutionize the steel-producing process today as much as they did a hundred years ago. The present book covers latest technology of steel rolling, which will give a new path to entrepreneurs and existing units. It is hoped that this book will be very helpful to researchers, design engineers, technocrats, new entrepreneurs, institutional libraries, training institutes etc.

[The Complete Technology Book on Fibre Glass, Optical Glass and Reinforced Plastics](#)

Author: NIIR Board of Consultants & Engineers

Format: Paperback

Book Code: NI177

Pages: 544

ISBN: 8178330067

Price: Rs. 1,275.00 **US\$** 125.00



Although many natural materials were used in the past by man, answering his instinctive urges to prevent heat loss from or entry into his dwellings, no material in modern technology has satisfied the all around requirements as has fiber Glass. Fiber glass, Optical glass and reinforced plastics have important applications and uses in the making of various products. The present book contains processes and other valuable information for fiber glass, optical glass and reinforced plastics. This is very useful book for entrepreneurs technocrats, institutions, researches etc.

[All India Construction Materials Manufacturers & Suppliers Database/Directory](#)



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Book Code: NID86

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Contains : Over 5400 records with Name, Addresses, City, State, Pin, Phone, Fax, E-mail*, Products.

[The Complete Technology Book on Aluminium And Aluminium Products](#)

Author: NPCS Board of Consultants & Engineers

Format: Paperback

Book Code: NI186

Pages: 672

ISBN: 8178330156

Price: Rs. 1,450.00 **US\$** 150.00



Aluminium, the second most plentiful metallic element on the earth, became an economic competitor in engineering applications as recently as the end of 19th century. It was become a metal for its time. Aluminium possesses many characteristics that make it highly compatible with recycling. Aluminium is resistant to corrosion and it thus retains a high level of metal value after use, exposure, or storage. Once produced, aluminium can be considered a permanent resource for recycling, preferably in to similar products. The present book covers the need within the industrial and academic communities for up-to-date information about production of aluminium and extrusion process due to the ever-increasing use of this technology. The book provides concepts in the different areas of extrusion technology. It is hoped that its presentation will be very helpful to new entrepreneurs, technocrats, research scholars, libraries and existing units.

[The Complete Book on Construction Materials](#)

Author: NPCS Board of Consultants & Engineers

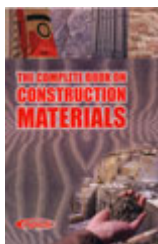
Format: Paperback

Book Code: NI190

Pages: 672

ISBN: 9788190439831

Price: Rs. 1,475.00 **US\$** 150.00



The book provide wide coverage of building materials such as stone, bricks, lime, mortars, concrete, asbestos, gray iron, cast iron, steel castings, aluminium, wood, architectural paints and so many others with their applications in building construction. The book is very useful for all professionals related to construction field, technocrats, students and libraries.

[The Complete Technology Book on Bricks, Cement and Asbestos](#)

Author: NPCS Board of Consultants & Engineers

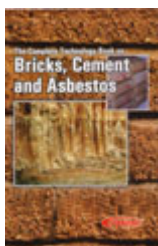
Format: Paperback

Book Code: NI193

Pages: 720

ISBN: 9788190439862

Price: Rs. 1,400.00 **US\$** 150.00



Bricks, cement and asbestos have major role in building and road construction. The present book contains processes of different types of bricks making, cement manufacturing and production of asbestos. The book is very useful for new entrepreneur, existing units, professionals, institutions related to building construction, research scholars etc.

About NIIR

NIIR Project Consultancy Services (NPCS) is a marketing affiliate of **National Institute of Industrial Research (NIIR)** and a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are: Pre-feasibility study, New Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies, Market Surveys and Studies, Preparation of Techno-Economic Feasibility Reports, Identification and Selection of Plant and Machinery, Manufacturing Process and or Equipment required, General Guidance, Technical and Commercial Counseling for setting up new industrial projects and industry.

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