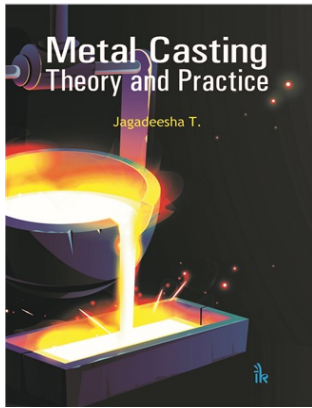


Metal Casting: Theory and Practice, 1/e

Jagadeesha T



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About the Book

Casting is one of the most commonly used manufacturing processes in industries. It is almost impossible to make a product like automobile, aircraft, etc., without cast component. This book is meant to serve as a bridge between the study of the processes and their applications in production industries.

Compared with the classical method of writing a book, two similar fundamental processes, namely, theory and practice are blended and explained so that the reader gets holistic approach to casting. First basic processes are discussed, followed by the special processes and design of systems is discussed. It is a comprehensive source of technical metal casting information that foundry engineers and managers, process engineers, and anyone, who has interest in or needs to know about foundry operations and products. Book comes as a useful resource for Mechanical Engineering students. It also includes industry data, foundry practices, real-time industrial applications, and problems.

Salient Features

Up-to-date technical information and Modern trends in the area are covered. Mathematical treatment of casting concepts like Riser design, gating design, solidification and cooling are discussed. GATE and IES exam questions for the competitive exams are included.

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About the Author

Jagadeesha T :- Jagadeesha T is currently working as an Assistant Professor in the Department of Mechanical and Production Engineering at National Institute of Technology (NIT), Calicut (Kerala). He earned his BE (Mechanical) degree from NIT, Surathkal (Karnataka); ME (Machine Tools) degree from PSG college of Technology; Master of Science (Manufacturing and Automation) from National University of Singapore; and Master of Science (AMNS) from Singapore MIT alliance. He is the recipient of the prestigious JRD Tata Scholarship and SMA (Government of Singapore) Scholarship. He has 25 years of experience in the industry, teaching, academic research, consultation, and has excellently completed many projects with reputed organizations.

He has worked with TATA Engineering Locomotive Company (India), TVS Suzuki (India), IBM Pvt. Ltd (Singapore), ASM (Singapore), and Applied Materials (Singapore and United States), APP Systems and Services (Singapore), ST Microelectronics (Singapore), Chartered Semiconductor Manufacturing (Singapore), and Sitronics (Singapore). He is also the reviewer for International Journal of Nano sciences and is a member of several professional bodies in India and abroad. He is a Certified Professional Engineer (Australia). His innovative research on BPSG CVD process won the best IFIT award at ST Microelectronics, Singapore. He has bagged more than 30 quality suggestion awards at TELCO and Best Employee award three times at ST Microelectronics, Singapore.

He teaches Solid Mechanics, Mechanics of Machinery, Dynamics of Machinery, Design of Machine Elements, Hydraulics and pneumatics and Computational Methods at NIT Calicut.