



**BOOK STOCK LIST**

S.No.	Books	Price (RS)	Quantity
	<b><u>Hand Book</u></b>		
B001	Foundry Raw Materials Hand Book	350	6
B002	Cast Iron Handbook	350	NIL
B003	Metallica,an encyclopedia on Metal Castings	2000	2
B004	Basic Metallurgy of Grey Iron,SG Iron & Steel	750	31
			<b>39</b>
	<b><u>Casting Defects</u></b>		
B005	Analysis of Casting Defects- Causes & Remedies (Vol.1)	350	Nil
B006	Analysis of Casting Defects- Causes & Remedies (Vol.2)	350	1
			<b>1</b>
	<b><u>Cast Iron / Ductile Iron</u></b>		
B007	Foundry Practise for Ductile Iron	550	2
B008	Ductile Iron Production	550	NIL
B009	Ductile Iron Technology- Defects Analysis & in-mould & stream Treatment	550	5
B010	Grey Cast Iron Technology	350	9
			<b>16</b>
	<b><u>Energy And Pollution Management:</u></b>		
B011	Air Pollution Measurement & Control in Foundries	350	21
B012	Energy Management & Audit in Foundries	350	NIL
			<b>21</b>
	<b><u>Melting:</u></b>		
B013	Practical Aspects of Cupola Operation (Old)	350	41
B014	Practical Aspects of Cupola Operation (New)	350	8
B015	Cupola Practices & Operation	350	20
B016	Induction Furnaces And Electric Arc Furnace (Operation Optimization of Melting, Refractory Lining and Maintenance)	350	8
B017	Induction Melting	350	27
			<b>104</b>
	<b><u>Foundry Practice:</u></b>		
B018	Sand Practice	650	37
B019	Elements of Metal Casting	350	43
B020	Quality of Foundry Sand & Its Application	350	24
			<b>104</b>
	<b><u>Foundry Metallurgy:</u></b>		

B021	Basic Metallurgy Steel Casting	200	3
B022	Metallurgy for Foundrymen	350	2
B023	Basic Physical Metalurgy & Heat treatment	450	33
			<b>38</b>
	<b><u>Methoding:</u></b>		
B024	Methoding of Grey & S.G.Iron	350	43
B025	Casting Simulation & Case Studies	950	14
B026	Conventional Methoding, Simulation & Solid Modeling	350	21
B027	Engineering Methoding Practice in a Foundry	350	8
B028	Gating of Steel Casting	350	NIL
B029	Methoding Principal for Ferrous Casting-Major Pattern Making Technique & Methods	350	9
B030	Methoding/Solidification Related Defects and their Remedies for Iron and Steel Castings	550	NIL
B031	Practical Approach to Methoding Practices	450	32
B032	Pattern, Gating & Riser Designs of Castings	250	NIL
			<b>127</b>
	<b><u>Moulding:</u></b>		
B033	CO2 Silicate Moulding Process	350	NIL
B034	Moulding Practices for Grey Iron Castings	200	6
B035	Moulding Process and Sand System	350	2
B036	Moulding Sand and Process for Steel Castings	350	27
B037	Resin Binders & No-bake Related Equipments	350	2
			<b>37</b>
	<b><u>Repair / Welding / Machining:</u></b>		
B038	Application of Welding in Foundry Castings	350	2
B039	Machining Technology for Cast Iron Castings	200	13
B040	Repair and Reclaimanation Technology of Casting	350	24
B041	Safety, Pollution & Environment in Foundries	400	8
			<b>47</b>
	<b><u>Testing:</u></b>		
B042	Heat Treatment of Ferrous Castings	350	4
B043	Inspection and Quality Control ( <i>Lecture Notes</i> )	200	NIL
B044	Non-Destructive Testing	350	14
B045	Laboratory and Shop Floor Testing For Ferrous Foundries	350	9
			<b>27</b>
	Total No of Books		457



**MODULE BOOK STOCK LIST**

S.No.	Books	Price (RS)	Quantity
	<b><u>Module-IV</u></b>		
M001	Energy Efficiency & Pollution Control (B-7)	350	23
M002	Engineering Drawing II (A-10)	50	Nil
M003	Foundry Management (B-5)	500	20
M004	Foundry Mechanisation Automation & Layout (B-10c)	350	8
M005	Fuels, Furnaces and Refractories (B-4)	400	19
M006	Introduction of Materials (A-6)	350	33
M007	Metallurgy of Cast Alloys (B-6)	350	9
M008	Physical Metallurgy of Ferrous and Non -Ferrous Alloys (B-9d)	350	22
M009	Principles of Methoding & Casting Design (B2)(Vol-II)	450	34
M010	Technology of Iron Casting (B-9a)	350	34
M011	Testing of Metals & Alloys (B-3)	450	44
M012	Theory of Foundry Processes (B-1)	350	19
M013	Workshop Technology for Foundrymen (A-7)	600	45
M014	Applied Mechanics (Mechanics of Solids & Fluids) (A-5)	650	3
M015	Steel Foundry Technology (B-9b)	450	16
M016	Advances in Casting Technology (B-8)	400	21
M017	Welding Technology (M-IV) (B-10a)	650	14
			<b>364</b>
	<b><u>Module-II</u></b>		
M018	Basic Mechanical Engineering (A-9)	350	64
M019	Casting Technology (B-1)	350	27
M020	Electrical Technology and Electronic Devices (A-7)	350	10
M021	Special Casting Processes (B-4)	350	39
M022	Process Planning & Cost Estimation (B-8a)	500	33
M023	Mold & Core Making (B-2)	350	22
M024	Pollution Control and Occupational Health in Foundry Industry (B-9b)	400	26
M025	Engineering Drawing (A-5)	350	29
M026	Heat treatment of Castings & Related Equipments (B-5)	350	28
M027	Industrial Management (B-7)	400	9
M028	Introduction of Engineering Materials (A-8)	350	64
M029	Melting & Casting Technology (B-3)	350	25
M030	Principal of Methoding & Casting Design (B-8c) ( Vol.1)	450	5
M031	Testing & Inspection in Foundry (B-6)	400	38
			<b>419</b>

	<b>Module-I</b>		
M032	English (P-1)	100	7
M033	Physics (P-2)	100	6
M034	Chemistry (P-3)	100	2
M035	Mathematics (P-4)	100	5
M036	Engineering Drawing (P-5)	100	13
M037	Workshop Technology (P-6)	100	6
M038	Pattern Construction (P-7)	100	7
M039	Moulding Technology (P-8)	100	NIL
M040	Melting Technology	50	13
M041	Cupola , Melting Emission Control (P-9)	50	NIL
M042	Cast Metal Technology (P-10)	100	2
			<b>61</b>
M043	Question Bank Module-1	300	5
M044	Question Bank Module-2 A	300	4
M045	Question Bank Module-2 B	300	6
M046	Question Bank Module-4 A	300	NIL
M047	Question Bank Module-4 B	400	1
			<b>16</b>
M048	Syllabus Module-1	2000	379
M049	Syllabus Module-2	100	3
M050	Syllabus Module-4	100	26
			<b>408</b>
M051	Induction Furnace	1000	192
M052	Recent Trends in Nano Science & Technology	500	135
			<b>327</b>



**DVD STOCK LIST**

S.No	DVDs	Price (RS)	Quantity
D001	Analysis of Casting Defects in Foundry by Cae-1 new Approach along with some industrial Case Studies (1 DVD)	850	7
D002	Austempered Ductile Iron (AD) (1 DVD)	850	16
D003	Casting Defects and Remedies ( Ductile Iron, Grey Iron & Steel (2 DVDs)	1150	NIL
D004	Controlling Wastage in Foundries (1 DVD)	850	2
D005	Elementry Metallurgy for Foundrymen(1 DVD)	850	4
D006	Foundry Process of Core and Mould Making Relevant of Ductile and Grey Iron Castings (1 DVD)	850	2
D007	Metallurgy Made Easy for Foundrymen (1 DVD)	850	6
D008	Operating Aspects on the use of Resin Binders & No-Bake Equipment (2 DVDs)	1150	2
D009	Practical Pathway to Rejection Control in Grey and Ductile Iron casting Production (1 DVD)	850	19
D010	Safety Operation and Maintenance in Induction Melting System (2 DVDs)	1150	7
D011	Sand - Related Defects and their Remedies in Producing Quality Castings (1 DVD)	850	7
D012	Selection , Installation and Maintanance of Refractory Lining in Coreless Induction Furnaces(1 DVD)	850	11
D013	Subjective Moulding Process for Improvement in Methoding and Metallurgical Aspects of Mehoding for Steel & Ductile Iron Castings (2 DVDs)	1150	2
D014	Steps to be followed to produce Right Quality of Nodular Iron (1 DVD)	850	11
D015	Technology of Ductile Iron and Defects Analysis of S.G.Iron Castings (2 DVDs)	1550	3
D016	Using Casting Simulation to Increase the yield & reduce Rejections in Castings (1 DVD)	850	1
	<b>Total No of DVDs</b>		<b>100</b>