

သိပ္ပံနှင့်နည်းပညာဝန်ကြီးဌာန
အဆင့်မြင့်သိပ္ပံနှင့်နည်းပညာဦးစီးဌာန

**Lot-4. Technical Books for
Technological Universities(D)**
အတွက် တင်ဒါ

၂၀၂၄ ခုနှစ်

Lot-4 Technical Books for Technological Universities(D)

စဉ်	စာအုပ်အမည်	စာရေးသူ	Edition	ထုတ်ဝေသည့် ခုနှစ်
၁	Fundamentals of Engineering Thermodynamics	Howard N. Shapiro, Michael J. Moran, Daisie D. Boettner, Margaret B. Bailey	8th Edition	2014
၂	Advanced Mechanics of Materials and Applied Elasticity	Ansel Ugural, Saul Fenster	Six Edition	2019
၃	Fundamentals of Modern Manufacturing: Materials, Processes, and Systems	Mikell P. Groover	7th Edition	2020
၄	Essential MATLAB for Engineers and Scientists	Daniel T. Valentine , Brian H. Hahn	7th Edition	2019
၅	Design of Machine Elements	V B Bhandari	Fifth Edition	2020
၆	Operations Management	William J Stevenson	14th Edition	2020
၇	Mechanical Vibrations	Singiresu Rao	6th Edition	2016
၈	Engineering Economy	William Sullivan, Elin Wicks, C Koelling	17th Edition	2018
၉	TECHNICAL DRAWING WITH ENGINEERING GRAPHICS	FREDERICK E. GIESECKE,	13th edition	2016
၁၀	TECHNICAL DRAWING WITH ENGINEERING GRAPHICS	FREDERICK E. GIESECKE,	13th edition	2016
၁၁	Workshop Technology (Manufacturing Processes)	S.K.GARG		2009
၁၂	The Science and Engineering of Materials,	Donald R. Askeland,	7th edition	2020
၁၃	Engineering Mechanics, Static and Dyanmics, Engineering Mechanics - Dynamics 11th Edition	R.C. HIBBELER,	11th edition,	2006
၁၄	Basic Engineering Thermodynamics,	Rayner Joel,	5th edition	2008
၁၅	A Textbook of Strength of Materials,	S.I Units Dr.HK. BANSAL		
၁၆	Theory of Machines	Khurmi, R. et,	14th edition	2005
၁၇	Production Technology A Text book of Production Engineering Fundanmental of Metal Cutting and Machine Tools Fundamentals of Metal Machining and Machine Tools	Geoffrey Boothroyd		2005
၁၈	Basic Engineering Thermodynamics Strength of Materials Introduction to the Thermodynamics of Materials	David R. Gaskell		2017

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၁၉	FULID MECHANICS , HYDRAULICS AND HYDRAULIC MACHINES	Dr.K.R.ARORA,	9th edition	2009
၂၀	A TextBook of Machine Design, 14th Ed	R.S. KHURMI J.K. GUPTA		2005
၂၁	FULID MECHANICS , HYDRAULICS AND HYDRAULIC MACHINES,	Dr.K.R.ARORA,	9th edition	2009
၂၂	Refrigeration & Air Conditioning Technology, Air Conditioning Principles and Systems Refrigeration & Air Conditioning Technology 9th Ed	Eugene Silberstein		2020
၂၃	Internal Combustion Engines, Automotive Mechanics Internal Combustion Engines	William Hogle		2022
၂၄	Gas Turbine Theory 7th Ed	H. Cohen		2017
၂၅	Industrial Engineering and Management	Kaushik Kumar		2019
၂၆	Renewable Energy Resources 4th Ed	John Twidell and Tony Weir,		2021
၂၇	AUTOMOBILE ENGINEERING	Devender Vashisth		2017
၂၈	Viscous Fluid Flow 4th Ed	Frank White		2021
၂၉	Internal Combustion Engine Fundamentals	Jhon B. Heywood		2018
၃၀	ADVANCED MECHANICS OF MATERIALS	ARTHUR P. BORESI		2002
၃၁	Heat and Mass Transfer Heat and Mass Transfer: Fundamentals and Applications 6th Edition	Yunus Cengel		2019
၃၂	Physical Chemistry	Daniels, Robert A. Alberty, John Wiley & Sons, Inc., Charles E. Tuttle Co.		
၃၃	Metallurgy of the Nonferrous Metals	W.H. Dennis	2 nd edition	
၃၄	Extractive Metallurgy	J.D. Gilchrist		
၃၅	The Science and Engineering of Materials	Donald R. Askeland, Pradeep P. Fuley, Wendelin J. Wright	6 th edition	2011
၃၆	Principles of Metal Casting	R.W. Hiene, C.R. Loper and P.C. Rosenthal		
၃၇	Principles of Foundry Technology,	P L Jain	4 th edition	2003
၃၈	Foundry Technology	O.P. Khanna		2011
၃၉	Applied Fluid Mechanics	L. Mott	2 nd edition	
၄၀	Basics of Mechanics	Bar-Meir, Genick		2013
၄၁	Unit operations of Chemical Engineering	McCabe, Warren. L.	5 th edition	

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၄၂	Physical Chemistry	Farrington Daniels & Robert A. Alberty		
၄၃	Introduction to Chemical Metallurgy	R. H. Parker	1 st edition	
၄၄	Textbook of Materials and Metallurgical Thermodynamics,	Ahindra Ghosh		
၄၅	Elements of Physical Metallurgy	Albert G. Guy	2 nd edition	
၄၆	Introduction to Physical Metallurgy	Sydney H. Avner	2 nd edition	
၄၇	Principles of Metallographic Laboratory Practice,	George L. Kehl		
၄၈	Principles of Mineral Dressing	A. M Gavdin		
၄၉	Mineral Processing Technology	B.A. Wills and Tim Napier-Munn	7 th edition	2006
၅၀	Introduction to Mineral Processing	Errol G. Kelly David		
၅၁	Heat and Mass Transfer: A Practical Approach	Yunus A, Cengel		
၅၂	Fundamentals of Heat and Mass Transfer	Theodore L. Bergman, Adrienne S. Lavine, Frank P. Incropera David P. Dewitt	7 th edition	2011
၅၃	A Heat Transfer textbook	Lienhard John H	3 rd edition	2005
၅၄	Introduction to Polymer Science and Technology	Muatafa Akay		
၅၅	Materials Science and Engineering; An Introduction	William D. Callister, Jr. John		
၅၆	Problems in Metallurgical thermodynamics & Kinetics	G.S. Upadhyaya		
၅၇	Physical Chemistry of Metals	Lawrence S. Darken & Robert W. Gurry		
၅၈	Problems in applied thermodynamics	C. Bodsworth & A.S. Appleton		
၅၉	Metallurgical Problems	Allison butts		
၆၀	Physical Metallurgy Principles	Reza Abbaschian, Lara Abbaschian, Robert E, Reed-Hill		
၆၁	Mechanical Metallurgy	Dieter, G. E	3 rd edition	
၆၂	Manufacturing processes for Engineering Materials	Serope Kalpakjian Kalpakjian	4 th edition	
၆၃	Principles of Industrial Metalworking Processes	Geoffrey W. Rowe		2005
၆၄	Manufacturing Engineering and Technology	Serope Kalpakjian Kalpakjian	6 th edition	2009
၆၅	Solid State Chemistry and Its Application	Anthony R.		

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၆၆	Electron Microscopy and Analysis	P.J. Goodhew	2 nd edition	
၆၇	NANOSTRUCTURES AND NANOMATERIALS Synthesis, Properties, and Applications	Guozhong Cao		2004
၆၈	Extractive Metallurgy	Joseph Newton		
၆၉	Metal Failure- Mechanisms, Analysis, Prevention	Arthur J. McEvily		2013
၇၀	Metallurgical Failure Analysis	Charlie R. Brooks, Ashok Choudhury		
၇၁	Materials Science and Engineering	W.D. Callister	7 th edition	2007
၇၂	Corrosion Engineering	Mars G. Fontana	3 rd edition	
၇၃	Handbook of Corrosion Engineering	Pierre R. Roberge		
၇၄	Corrosion and Corrosion control	Uhling, H.H. and Revie, R.W	3 rd edition	
၇၅	Ferrous Production Metallurgy	Peters A.T.		
၇၆	Manufacture of iron and steel Vol.I	Bashforth. G.R.		
၇၇	Project Management with CPM, PERT and Precedence	Moder, Phillips & Dowis	3 rd edition	
၇၈	A Guide Book on Metallurgical Engineering Extractive Metallurgy	U Aung Hla Tun	Limited edition	2015
၇၉	A Guide Book on Metallurgical Engineering Adaptive Metallurgy	U Aung Hla Tun	Limited edition	2015
၈၀	Elements of Physical Metallurgy, Albert G. Guy	ALBERT G-Guy	Third edition	
၈၁	A Guide Book on Metallurgical Engineering			
၈၂	Ore Dressing I By U Tin Tun	U Tin Tun		
၈၃	Mechanical Metallurgy, Dieter	George Dieter	SI Metric edition	
၈၄	Applied Fluid Mechanics, Robert L Mott	Robert L Mott	Seven edition	2014
၈၅	Will's Minerals Processing Technology	Will's	Eight edition	2015
၈၆	Physical Chemistry of Metals, Darken	Darken		2002
၈၇	Problems in Metallurgical Thermodynamics, Robert Maxwell, M.C	Robert Maxwell, M.C	First edition	
၈၈	The Science and Engineering of Materials, Donald R. Askeland	Donald R. Askeland	Sixth edition	2010
၈၉	Principles of Metal Casting, Philip.C. Rosenthal	Philip.C. Rosenthal	Second edition	

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၉၀	Principle of Extractive Metallurgy, TERKEL ROSENQVIST	TERKEL ROSENQVIST	Second edition	2004
၉၁	Elements of Physical Metallurgy, Albert G.Guy	Albert G.Guy	Second edition	
၉၂	Tarkel Rosenqvist; Principles of Extractive Metal	Tarkel Rosenqvist	First edition	2017
၉၃	Fundamentals of Modern Manufacturing, Mikell P. Groover	Mikell P. Groover	First edition	
၉၄	Corrosion Engineering. Mar G Fontana	Mar G Fontana	Third edition	
၉၅	Materials Characterization-An introduction to Microscopic and Spectroscopic Methods, Yang Leng	Yang Leng	Second edition	2013
၉၆	Social Science and the Humanities (Mote Oo)	Matthew Simpson	Second edition	2019
၉၇	Management, Richard Daft Engineering management, lecture by U Aung Maw Production management and control, lecture by U Mya Tin Oo	Richard L. Daft	12th edition	2015
၉၈	Ferrous Production Metallurgy, A.T.Peters, John Wiley & sons	A.T.Peters	Underline edition	
၉၉	Nanostructure and nanomaterial, by Guozhong Cao	Guozhong Cao	Illustrated edition	2004
၁၀၀	Deformation and Fracture Mechanics of Engineering Materials, Richard W.Hertzberg. Richard P.Vinci.Jason.L.Hertzberg	Richard W.Hertzberg	Sixth edition	2020
၁၀၁	Textile Fiber Microscopy A Practical Approach	Ivana Markova.	1 st	2019
၁၀၂	Fibre Structure	J.W.S. Hearle.	1 st	
၁၀၃	Regenerated Cellulose Fibres	C. Woodings.	1 st	
၁၀၄	A Textbook of Mechatronics,	Er. R. K. Rajput	Revised EditonThird	2012
၁၀၅	Engineering Circuit Analysis,	William H.Hayt,Jr. Jack E. Kemmerly.Stevan M.Durbin	Eight Edition	2012
၁၀၆	Engineering Mechanics Statics & Dynamics,	R.C.Hibbeler	12th Edition	2016

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၁၀၇	Computer Science an Overview, Eleventh Edition	J.Glenn Brookshear	Eleventh Edition	2015
၁၀၈	Object-Oriented Programming in C++,	Robert Lafore	Fouth Edition	2001
၁၀၉	Electronic devices : conventional current version, Ninth Edition	Floyd, Thomas L.	Ninth Edition	2012
၁၁၀	Digital Fundamental,	Thomas L. Floyd	Eleventh Edition	2012
၁၁၁	Electric motors and controls systems,	Frank D. Petruzella	Special edition	2011
၁၁၂	Programmable Logic Controller,	W.Bolton	Fifth Edition	2009
၁၁၃	Materials Science and Engineering,	Donaland Reskeland Pradeed P.Fulay	Second Edition	2009
၁၁၄	Strength of Material,	G.h.Rydar	Third Edition	
၁၁၅	A text book of strength of materials	R.K. Bansal	Fourth Edition	2010
၁၁၆	Theory of Machines	R.S. Khurmi, J.K. Gupta		2006
၁၁၇	A Text Book of Machine Design,	R.S. Khurmi, J.K. Gupta	First Edition	2005
၁၁၈	Modern Control System,	Richard Dorf , Robert Bishop	13th Edition	2016
၁၁၉	Power Electronics	Daniel W. Hart	1st Edition	2011
၁၂၀	Industrial Engineering and Management	Pravin Kuman		2015
၁၂၁	Introduction to Robotics, Analysis, Control Applications,	Saeed B.Niku	Second Edition	2010
၁၂၂	Computer and Machine Vision: Theory, Algorithms, Practicalities,	E. R. Davies	Fourth Edition	2012
၁၂၃	Machine Vision: Algorithms and Applications	Carsten Steger, Marjus Ulrich Cristian Wiedemann	Second Edition	2018
၁၂၄	Fuzzy Logic with Engineering Applications,	Timothy J.Ross	Third Edition	2011
၁၂၅	Fieldbus and Networking in Process Automation	Sunit Kumar Sen.		2021
၁၂၆	Flexible and Manufacturing System	H.K Shivanand, M.M. Benal, V.Koti		2006
၁၂၇	Microprocessor and Microcontroller System,	A.P. Godse and Mrs D.A	First Edition	2008
၁၂၈	PIC Microcontroller and Embedded systems using Assembly and C for PIC 18	Muhammad Ali Mazidi Rolin D. Mcklnlay Danny Causey		2008
၁၂၉	Mechatronic System Design,	Devdas Shetty, Richard A. Kolk	Second Edition	2011
၁၃၀	Automation,Production Systems and Computer-Integrated Manufacturing	Mikell P. Groover		2008

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၁၃၁	Introduction to Engineering Ethics	Mike W. Martin, Roland Schinzinger	Second Edition	2010
၁၃၂	An Introduction to Management Science,	David R. Anderson, Dennis J. Sweeney, Thomas A. Williams, Jeffrey D. Camm ,Kipp Martin	Revised Thirteenth Edition	2012
၁၃၃	Fundamental Principles OF Occupational Health and Safety,	Benjamin O. ALLI	Second edition	2008
၁၃၄	Basic Environmental Engineering	R.C.Gaur		2008
၁၃၅	Introduction to Robotics	S.K. Saha	Second Edition	2014
၁၃၆	Introduction to Mobile Robot Control	S. G. Tzafestas	First Edition	2014
၁၃၇	Introduction to Artificial Intelligence	Wolfgang Ertel	Second Edition	2018
၁၃၈	Ethics and Responsibilities of Engineers	Frederick Bloetscher	1st	2021
၁၃၉	Image Processing, Analysis, and Machine Vision	Milan Sonka V Aclav Hlavac R Oger Boyle	4th Edition	2014
၁၄၀	Visual Servoing via Advanced Numerical Methods	Graziano Chesi, Koichi Hashimoto (Eds.)	2010th Edition	2010
၁၄၁	Programmable Logic Controllers	W. Bolton	5Th Edition	2009
၁၄၂	SENSORS AND ACTUATOR Control Systems Instrumentation	CLARENCE W. de SILVA	1st Edition	2007
၁၄၃	Introduction to Machine Learning, fourth edition (Adaptive Computation and Machine Learning series)	Ethem Alpaydin	fourth edition	2020
၁၄၄	Signals and Systems with MATLAB Computing and Simulink Modeling	Steven T. Karris	fourth edition	2008
၁၄၅	Machines & Mechanisms: Applied Kinematic Analysis	4th Edition	fourth edition	2010