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	Sammy Shina	Industrial Design of Experiments: A Case Study Approach for Design and Process Optimization 1st ed. 2022 Edition	2023	1
e-books	Mustafy, Tanvir, Rahman, Md. Tauhid Ur	Statistics and Data Analysis for Engineers and Scientists	2024	
e-books	Lynda K. Skipper &, Philip J. A. Skipper	Experimental Design and Scientific Data Analysis	2024	
e-books	Jesús López-Fidalgo	Optimal Experimental Design: A Concise Introduction for Researchers	2023	
e-books	Daniela Galatro, Stephen Dawe	Data Analytics For Process Engineers	2023	
e-book	Jiju, Anthony Cayono, St	Design of Experiments for Engineers and Scientists	2022	
e-books	Ryan Brutger &, Joshua D. Kertzer &, Jonathan Renshon &, Chagai M. Weiss	Abstraction in Experimental Design: Testing the tradeoffs	2022	
e-books	Alasdair Rae, Cecilia Wong	Applied Data Analysis for Urban Planning and Management	2022	
e-books	Debabrata Samanta, S. K.	Data Analytics, Computational Statistics,	2022	



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e-books	Middleton, James A.	Experimental Statistics and Data Analysis	2021	
e-book	Kanupriya, Meena	Data -Driven Science and Engineering	2019	
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	R Ganesan	Research Methodology for Engineers	2024	1
	Arjun Dasharath Jadhav	Research Methodology: A Guide for Ph.D. Students: From Proposal to Publication: A Step-by-Step Approach	2024	1
	Sahar M. Taresh	Research Methodology: A Practical Guide for Educators and Learners: A Practical Guide for Educators and Researchers to Conduct Rigorous and Ethical Studies	2024	1
	Habeeb Adewale Ajimotokan	Research Techniques: Qualitative, Quantitative and Mixed Methods Approaches for Engineers (SpringerBriefs in	2023	1



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CIR H 62 .K86r5 2019	Kumar, Ranjit.	Research methodology : a step-by-step guide for beginners	2019	1
	Ted Gournelos,Joshua R. Hammonds, Maridath A. Wilson	Doing Academic Research: A Practical Guide to Research Methods and Analysis 1st Edition	2019	1
ebooks	Kai-Uwe Sattler	Advances in Engineering Research and Application	2020	
ebooks	Nicholas Walliman	Research methods: the basics	2018	
ebooks	Paul D. Leedy	Practical research planning and design	2016	
ebooks	José Luis Ayuso Muñoz	Project Management and Engineering Research	2016	
ebooks	Tony Greenfield with Sue Greener	Research methods For postgraduates	2016	
e-books	John Hitchcock, Anthony Onwuegbuzie	The Routledge Handbook for Advancing Integration in Mixed Methods Research	2022	
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e-books	Monique Hennink & Inge Hutter & Ajay Bailey	Qualitative Research Methods	2019	
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	INCOSE	INCOSE Systems Engineering Handbook (Incose Systems Engineering Handbooks) 5th Edition	2023	1
e-book	Yongsheng Ma, (ed.)	Advanced Theory and Applications of Engineering Systems Under the Framework of Industry 4.0	2023	
e-book	V. H. Saran, Rakesh Kumar Misra	Advances in Systems Engineering	2021	
e-book	Soumya Ranjan Nayak, Biswa Mohan Sahoo, Muthukumaran Malarvel, Jibitesh Mishra	Smart Sensor Networks Using AI for Industry 4.0: Applications and New Opportunities (Advances in Intelligent Decision-Making, Systems Engineering, and Project Management)	2021	
e-book	Kavita Saini, Pethuru Raj	Advancing Smarter and More Secure Industrial Applications Using Ai, Iot, and Blockchain Technology	2021	
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e-book	Alex Gorod, Vernon Ireland, Indra Gunawan, Leonie Hallo	Evolving Toolbox for Complex Project Management (Complex and Enterprise Systems Engineering)	2019	
e-book	Anish Sachdeva	Operations Management and Systems Engineering Select Proceedings of CPIE 2018	2018	
e-book	A. Ravi Ravindran	Service Systems Engineering and Management	2018	
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**DEnM 321 Operations Management and Optimization**

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	Chuck Munson	Operations Management: Sustainability and Supply Chain Management, Global Edition	2023	1
e-books	Kirti Pal, Saurabh Mani Tripathi, Shruti Pandey	Advanced Control & Optimization Paradigms for Energy System Operation and Management	2023	
e-books	Abhinav Goel, Anand Chauhan, AK Malik	Applications of Advanced Optimization Techniques in Industrial Engineering (Information Technology),	2022	



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e-books	Efstratios N. Pistikopoulos, Nikolaos A. Diangelakis, Richard Oberdieck	Multi-parametric Optimization and Control (Wiley Series in Operations Research and Management Science)	2021	
ebooks	Edited by Kaushik Kumar J. Paulo Davim	Optimization for Engineering Problems	2019	
ebooks	Ashok d. Belegundu	Optimization Concepts and Applications in Engineering	2019	

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	Aija Leiponen	Digital Innovation Strategy New Edition	2023	1
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ebooks	Tugrul U. Daim Zahra Faili	Industry 4.0 Value Roadmap Integrating Technology and Market Dynamics for Strategy, Innovation and Operations	2019	
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e-books	Vance V. VanDrake III	The Patent Game: Basics & Strategies for Innovators, Entrepreneurs, and Business Leaders	2019	

**DEnM 323 Logistics and Supply Chain Management**

CALL NO.	AUTHOR	TITLE	COPYRIGHT DATE	NO. OF COPIES
	Yann Bouchery	Sustainable Supply Chains: A Research-Based Textbook on Operations and Strategy (Springer Series in Supply Chain Management, 23) 2nd ed. 2024 Edition	2024	1



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e-books	Paul Schönsleben	Handbook Integral Logistics Management: Operations and Supply Chain Management within and across Companies - 6th Edition	2023	
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e-books	Gwynne Richards, Susan Grinsted	The Logistics and Supply Chain Toolkit: Over 100 Tools for Transport, Warehousing and Inventory Management	2020	
CIR HF 5437 .M55s 2020	Nakano, Mikihsia.	Supply chain management: strategy and organization	2020	1
e-books	John Fernie, Leigh Sparks	Logistics and Retail Management ; Emerging Issues and New Challenges in the Retail Supply Chain	2019	
e-books	Anthony M. Pagano, Matthew Liotine	Technology in Supply Chain Management and Logistics: Current Practice and Future Applications	2019	
ebooks	Henk Zijm	Operations, Logistics and Supply Chain Management	2019	
CIR TS 155 .H45o12 2017	Heizer, Jay.	Operations management : sustainability and supply chain management	2017	1
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ebooks	Martin Christopher	Logistics & supply chain management	2016	

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	Ann Rose Abraham	Sustainability in Energy and Environment: Engineered Materials and Smart Computational Techniques 1st edition	2024	
	Alexis Kwasinski	Resilience Engineering for Power and Communications Systems: Networked Infrastructure in Extreme Events 1st Edition	2024	
CIR QH 541 .S44e9 2022	Sher, Anna.	Ecology : concepts and applications	2022	1
CIR QH 541.15 .E94e2 2022	Everard, Mark.	Ecosystem services : key issues	2022	1
e-books	Ehsan Noroozinejad Farsangi, Mohammad Noori, Paolo Gardoni, Izuru Takewaki, Humberto	Reliability-Based Analysis and Design of Structures and Infrastructure (Resilience and Sustainability in Civil, Mechanical, Aerospace and Manufacturing Engineering Systems)	2021	
e-books	Shijie Liu	Bioprocess Engineering: Kinetics, Sustainability, and Reactor Design	2020	
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	Adedeji B. Badiru	Artificial Intelligence and Digital Systems Engineering (Analytics and Control) 1st Edition	2024	1



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CIR QA 76.73 .N38p3 2021	Navlani, Avinash.	Python data analysis	2021	1
e-books	Michael Luca, Max H. Bazerman	The Power of Experiments: Decision Making in a Data-Driven World	2020	
CIR QA 300 .J33c 2020	Jacob, Niels.	A Course in analysis	2020	1
e-books	Rutherford, Albert	The Systems Thinker - Mental Models: Take Control Over Your Thought Patterns. Learn Advanced Decision-Making and Problem-Solving Skills	2020	
e-books	Mervyn King, John Kay	Radical Uncertainty: Decision-making for an Unknowable Future	2020	
e-books	Charles Yoe	Principles of Risk Analysis: Decision Making Under Uncertainty	2019	
CIR KF 240 .P5514 2018	Putman, William H.	Legal research analysis and writing	2018	1
CIR QA 76.9 .V35m8 2017	Valacich, Joseph S.	Modern systems analysis and design	2017	1
CIR TA 1637 .S698i4 2015	Sonka, Milan.	Image processing, analysis, and machine vision	2015	1
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	Agnieszka Rzepka (Editor), Elżbieta Jędrych	Organizational Development, Innovation, and Economy 5.0 (Routledge Studies in Management, Organizations and Society) 1st Edition	2024	1
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	Sameer Mihyawi	Sameer Mihyawi Effective Leadership: Communication in Project Management	2024	1
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CIR HD 59 .P83 2018		Public relations and the power of creativity: strategic opportunities, innovation and critical challenges.	2018	1
ebooks	Carolina Machado ,J. Paulo Davim, Editors	Managing Organizational Diversity: Trends and Challenges in Management and Engineering	2017	
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	PS Publishing	Manufacturing Cost Estimation and Analysis Processes	2024	1
e-books	Kenneth Chan, Hugo M. Breton	Should-Cost Modeling Handbook: a Comprehensive Guide to Applying Value Chain Intelligence in	2021	



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ebooks	Leland Blank, Anthony Tarquin	Engineering economy	2018	
CIR HF 5686 .H67c11 2003	Horngren, Charles T.	Cost accounting: a managerial emphasis	2003	2
e-books	R. Thanigaivelan , N. Rajan n Kripananda Variyar and T.G. Argul	Advanced Manufacturing Techniques for Engineering and Engineered Materials	2022	

**DEnM 335 Engineering Risk Analysis**

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	Mohammad Modarres, Katrina Groth	Reliability and Risk Analysis (What Every Engineer Should Know) 2nd Edition	2023	1
	Mitsutaka Kimura	Reliability and Maintenance Modeling with Optimization (Advanced Research in	2024	1



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		Reliability and System Assurance Engineering) 1st Edition		
e-books	Mohammad Modarres, Katrina Groth	What Every Engineer Should Know about Reliability and Risk Analysis	2023	
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ebooks	Norman Fenton, Martin Neil	Risk Assessment and Decision Analysis with Bayesian Networks	2019	
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ebooks	Prabhakar V. Varde , Michael G. Pecht	Risk-Based Engineering: An Integrated Approach to Complex Systems— Special Reference to Nuclear Plants	2018	
ebooks	Mohammad Modarres Mark P. Kaminskiy Vasiliy Krivtsov	Reliability engineering and risk analysis: a practical guide, 3 <sup>rd</sup> ed.	2017	
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