DEPARTMENT OF MECHANICAL ENGINEERING

Summary of Book Chapters

S. No.	Name of the teacher	Title of the Book/Chapters Published	National / International	Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Swarn Singh	Recent Advances in Material, Manufacturing, and Machine Learning / Influence of process parameters on electric discharge machining of DIN 1.2714 steel	International	2023	9781003358596	CEC-CGC Landran	Taylor & Francis
2	Satish Kumar	Modern Hybrid Machining and Super Finishing Processes: Technology and Applications / Experimental Investigation on Surface Texture of Inconel-800 with Hybrid Machining Method Using Optimization Technique	International	2023	In Press	CEC-CGC Landran	Taylor & Francis
3	Santosh Kumar	Recent Advances in Material, Manufacturing, and Machine Learning / Influence of process parameters on electric discharge machining of DIN 1.2714 steel	International	2023	9781003358596	CEC-CGC Landran	Taylor & Francis
4	Sanjeev Kumar	Modern Hybrid Machining and Super Finishing Processes: Technology and Applications / Experimental Investigation on Surface Texture of Inconel-800 with Hybrid Machining Method Using Optimization Technique	International	2023	In Press	CEC-CGC Landran	Taylor & Francis
5	Harvinder Singh	Recent Advances in Material, Manufacturing, and Machine Learning / Influence of process parameters on electric discharge machining of DIN 1.2714 steel	International	2023	9781003358596	CEC-CGC Landran	Taylor & Francis

6	Harvinder Singh	Modern Hybrid Machining and Super Finishing Processes: Technology and Applications / Experimental Investigation on Surface Texture of Inconel-800 with Hybrid Machining Method Using Optimization Technique	International	2023	In Press	CEC-CGC Landran	Taylor & Francis
7	Aneesh Goyal	Modern Hybrid Machining and Super Finishing Processes: Technology and Applications / Experimental Investigation on Surface Texture of Inconel-800 with Hybrid Machining Method Using Optimization Technique	International	2023	In Press	CEC-CGC Landran	Taylor & Francis
8	Santosh Kumar	Metal Matrix Composites / Corrosion Behavior of Metal, Alloy, and Composite	International	2022	9781003194910	Chandigarh Engineering College, Landran	Taylor & Francis
9	Santosh Kumar	Metal Matrix Composites / Corrosion Behavior of Metal, Alloy, and Composite	International	2022	9781003194910	Chandigarh Engineering College, Landran	Taylor & Francis
10	Dr. Rajneesh Kumar	HANDBOOK OF RESEARCH / Roughness Parameters and Their Effect on the Heat Transfer and Flow characteristics of Solar Air Heaters	International	2022	978-1-68507-459-3	Chandigarh Engineering College, Landran	Nova Publishers
11	Satish Kumar	Experimental Investigation on Surface Characteristics of Nickel-Based Super Alloy Inconel-600 in Powder Mixed Electric Discharge Machining by Using Response Surface Methodology	International	2021	9789813360280	Chandigarh Engineering College, Landran	Springer
12	Satish Kumar	Effect of Velocity Variation on the Rate of Erosion Wear at the Elbow of the Slurry Pipe by Using CFD	International	2021	9789811601583	Chandigarh Engineering College, Landran	Springer

13	Dr. Rajneesh Kumar	Green Energy and Technology / Role of Artificial Roughness in the Performance Improvement of Solar Air Heaters	International	2021	978-981-16-2648-7	Chandigarh Engineering College, Landran	Springer
14	Dr. Pardeep Bishnoi	Effect of Velocity Variation on the Rate of Erosion Wear at the Elbow of the Slurry Pipe by Using CFD	International	2021	9789811601583	Chandigarh Engineering College, Landran	Springer
15	Saurabh Chaitanya	Advances in Nonconventional Machining Processes/Abrasive Water Jet Machining Process- A Review	International	2020	9789811483653	Chandigarh Engineering College, Landran	Bentham Science
16	Sachin Mohal	Advances in Nonconventional Machining Processes/Abrasive Water Jet Machining Process- A Review	International	2020	9789811483653	Chandigarh Engineering College, Landran	Bentham Science
17	Dr. Manjit Singh	Numerical Analysis on Variations of Thermal and Hydrological Properties During Water Flow Through Unsaturated Soil / Advances in Fluid and Thermal Engineering	NA	2019	978-981-13-6415-0	Chandigarh Engineering College, Landran	Springer

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