



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**

(An Autonomous Institution since 2010)

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada

L.B. Reddy Nagar, Mylavaram, NTR District, Andhra Pradesh - 521230



## Department of Mechanical Engineering

### Book Chapters in the A.Y 2023-24

Sl.	Authors	Title of the Book/Chapter	Publisher	Published Month & Year	ISBN	Indexing
<b>Book Chapters-08</b>						
1.	Dasari Sai Naresh and K. Ravi Prakash Babu, <b>Murahari Kolli</b>	Experimental studies on Mechanical characteristics of Bamboo Leaf Ash reinforcement with Aluminum 7075 alloy using Rotary Stir Casting technique	Bentham Science	Dec 2023	978-981-5136-72-2	Scopus
2.	G.PrasadaRao, L.S.VPrasad, <b>V.Dhanaraju</b>	Assessment of Diverse Characteristics of Diesel Engine Fueled with Various Biofuels: A Review	Springer	July 2023	978-981-99-1287-2	Scopus
3.	<b>P.Ravindra Kumar</b> , Ch.Srinu	Futureistics Trends in Mechanical Engineering- Shape Optimization of a Heavyduty Truck Chassis Frame using CAE Tools	IIP Series Volume 3 Part 6 Chapter 1	Mar 2024	978-93-5747-3521	Open
4.	<b>P.Ravindra Kumar</b> , Nelakuditi	Futureistics Trends in Mechanical	IIP Series Volume 3 Part 6	Mar 2024	978-93-5747-3521	Open



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Sl.	Authors	Title of the Book/Chapter	Publisher	Published Month & Year	ISBN	Indexing
	Naresh babu	Engineering- Thermal Design fabrication and Anlysis of Phase Change Material Based Air Cooler	Chapter 1			
5.	<b>Pasupuleti Ravindra Kumar</b> Naradasu Ravi Kumar	Comparative Exergy Analysis of Thermal Power Plant Systems	Intechopen Chapter 1	Apr 2024	978-0-85466-683-6	Open
6.	E. Sateesh, <b>K. Lakshmi Padmavathi</b> <b>A Nageswara Rao</b>	Enhancing Disease Prediction Accuracy: Leveraging Random Forest Out of Bag for Early Detection and Diagnosis in Healthcare	CRC Press	Apr 2024	9781032665474	Scopus
7.	<b>A. Nageswara Rao,</b> R. Jeyapaul, B. Chaitanya, G. Manikanta	Measuring the violations, errors and lapses using driving behaviour questionnaire (DBQ) on Indian drivers	CRC Press	June 2024	9781032713229	Scopus



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Sl.	Authors	Title of the Book/Chapter	Publisher	Published Month & Year	ISBN	Indexing
8.	Satyanarayana Tirlangi, Hari Banda, R. Vadivel, <b>Sudheer Kumar Battula</b> , M. Sabarimuthu, Mohammed Ali H.	Metaheuristics Algorithm and Optimization of Engineering and Complex Systems/ Precision Machining of Inconel Alloy through hybrid Taguchi and Meta heuristic GA Method Method in Electrochemical Machining	IGI Global Publisher	June 2024	9798369333143	Scopus

R&D coordinator

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