



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(Autonomous)

L.B. Reddy Nagar, Mylavaram – 521230, Andhra Pradesh, INDIA

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi.

Accredited by NAAC, With "A" Grade, NBA Tier-1 for ECE, EEE, CSE, IT, ME, ASE & CE

Recognised by Scientific and Industrial Research Organisation (SIRO)

Research & Development Cell

Date: 01-08-2024

i. Details of Books/Chapters

AI & DS: 7, ASE: 0, CE: 0, CSE: 5, CSE(ML): 1, ECE: 1, EEE: 5, IT: 0, ME: 9, FED: 1, MBA: 4; Total: 33

Total Number of **Books**: 12

Total Number of **Chapters**: 21

Sl.	Authors	Title of the Book/Chapter	Publisher	Published Month & Year	ISBN
Department of AI & DS: 07 (Books: 4 & Chapters: 3)					
1.	Ms. T. S. Raja Rajeswari , Ms. Kshatriya Vinaya Sree Bai , Mr. Revanth Madamala , Dr. Lavudya Bhaskar	A Journey into the Depths of Natural Language Processing	Iterative International Publishers (IIP)	Jul-23	978-9357471824 (Book)
2.	Mr.D.Srinivasa Rao , Dr.V.SucharithaDr.P.V enkateswara rao Mr.K Sudhakar	Core & Advanced Java Programming	SS Publications	Dec-23	978-81-936640-9-4 (Book)
3.	Mr. K Venkatesh	Deep Learning	Alpha International	Dec-23	978-93-5762-499-2 (Book)
4.	V Sowjanya	Software Engineering Approach Towards Using Machine Learning for Improving the Efficiency of Health Systems	Immortal Publication	May-24	978-93-5914-875-5

Sl.	Authors	Title of the Book/Chapter	Publisher	Published Month & Year	ISBN
5.	P Ashok, V Sowjanya	Sustainable AI and IOT based sensor data analytics	Immortal Publication	Sep-23	978-98-340-1496-9 (Book)
6.	Jaipal Reddy Padamati, Dr.O.RamaDevi	Importance of Critical Infrastructure Security Protection in Cyber Security	Immortal Publication	May-24	978-93-340-7153-3
7.	N. Vidhya Sree, K. Bhargavi, V.Sowjanya	Brain Tumor Detection in MRI Images by Applying Segmentation and Area Calculation Method Using Matlab	Immortal Publication	May-24	978-93-340-7157-3
Department of CSE: 05 (Books: 2 & Chapters: 3)					
8.	Mr. D. Anil Kumar, Mr. A. Sandeep Kumar, Mrs. K. Niveditha, Mr. Venkata Srinivasu Veeram	Machine Learning For Brain Tumor Identification: Progress And Bottlenecks	Iterative International Publishers (IIP), Selfypage Developers Pvt Ltd.	May, 2024	978-93-6252-212-2
9.	Dr. S. Nagarjuna Reddy Dr. Chandra Sekhar Kolli Dr. Mohan Kumar Chandol Dr K. Spurthi Mr. Vinay Podagatlapalli	Artificial Intelligence and ChatGPT	Scientific International Publishing House	2023	978-93-5757-603-1 (Book)
10.	BandiVamsi, Bhanu Prakash Doppala, Mohan Mahanty, D. Veeraiah , J. Nageswara Rao, B.V. Subba Rao	A Detailed Case Study on Various Challenges in Vehicular Networks for Smart Traffic Control System Using Machine Learning Algorithms	Taylor francis.	26/01/2024	9781003409502 (Book)

Sl.	Authors	Title of the Book/Chapter	Publisher	Published Month & Year	ISBN
11.	Dr. P.G.K. Sireesha, Dr. Venkata Kishore Kumar Rejeti, Shaik Johny Basha	Smart Bra Device for Detecting Breast Cancer Using Machine Learning	Iterative International Publishers (IIP), Selfypage Developers Pvt Ltd.	2024	978-93-6252-212-2
12.	Dr. Sumathy S, Dr. Princy Suganthi Bai S, Dr. Vudasreenivasarao, Mr.Shaik Johny Basha (Editors)	Futuristic Trends in Computing Technologies and Data Sciences, Volume 3, Book 7	Iterative International Publishers (IIP), Selfypage Developers Pvt Ltd.	05/03/2024	978-93-6252-212-2 (Book)
Department of CSE (ML) (Books:0 & Chapters: 1)					
13.	Mrs.A.Haritha	A Flexible and Reconfigurable Network Architecture for Designing the 5G Network Infrastructure	IIP- Iterative International Publisher	Dec-23	978-93-5747-891-5
Department of ECE: 01 (Books:0 & Chapters: 1)					
14.	Sateesh Kumar Reddy C, Poornaiah Billa	Seizure Detection and Classification with EEG Signals	IIP Publisher	May 2023	978-93-6252-491-1
Department of EEE: 05 (Books: 3 & Chapters: 2)					
15.	Dr.G.Nageswara Rao Dr.Prakash N S.Muthurajan Mr.Subbi Naidu Bora	Intelligent control of electric vehicles DOI: https://doi.org/10.5281/zenodo.10897258	R K Publications	22/03/2024	978-81-971820-3-7 (Book)
16.	Dr. Madhavi Mallam, Dr.	Electromagnetic Fields – Theory	Deccan Academic	10/11/2023	978-81-967409-3-1

Sl.	Authors	Title of the Book/Chapter	Publisher	Published Month & Year	ISBN
	K.Ramalingeswara Prasad,Mr. Mallam Sreenu,Dr. Y.Narendra Kumar	And Practices	International Publishers		(Book)
17.	G.NageswaraRao, Dr.Y.N.Vijaya Kumar, R.K.PadmaShini	Hybrid Electric Vehicles Principle and Applications	R K Publications	20/07/2023	13: 978-8119489039 (Book)
18.	Chilukoti Varaha Narasimha Raja Srilakshmi Lavanya Kota	Electric Vehicles integration on Distribution grid issues and methods to Mitigate impact of EV on Power Quality: A Review	Andhra University	01/07/2023	978-93-5915-224-0
19.	J.V.Pavan Chand K.Narasimha Rao	MRAS based control of Grid-Connected VSC HVDC with Flywheel Energy Storage System for Offshore Wind Farms	Andhra University	01/07/2023	978-93-5915-224-0
Department of ME: 09 (Books: 02 & Chapters: 07)					
20.	Gopichand Dirisenapu, Lingaraju Dumpala, Seelam Pichi Reddy	Mechanical And Tribological Characteristics Of Aa7010-B4c-Bn Metal Matrix Nanocomposites	Laxmi Book Publication	01/09/2023	978-13-1221-8765 (Book)
21.	Dasari Sai Naresh and K. Ravi Prakash Babu, Murahari Kolli	Experimental studies on Mechanical characteristics of Bamboo Leaf Ash reinforcement with Aluminum 7075 alloy	Bentham Science	Dec 2023	978-981-5136-72-2

Sl.	Authors	Title of the Book/Chapter	Publisher	Published Month & Year	ISBN
		using Rotary Stir Casting technique			
22.	G.Prasada Rao,L.S.V Prasad, V.Dhana raju	Assessment of Diverse Characteristics of Diesel Engine Fueled with Various Biofuels: A Review	Springer	31/07/2023	978-981-99-1287-2
23.	P.Ravindra Kumar , 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	23/02/2024	978-93-5747-3521
24.	P.Ravindra Kumar , Nelakuditi Naresh babu	Futureistics Trends in Mechanical Engineering- Thermal Design fabrication and Anlysis of Phase Change Material Based Air Cooler	IIP Series Volume 3 Part 6 Chapter 1	Mar 2024	978-93-5747-3521
25.	Dr.P.Ravindra Kumar , Ms.Richa Pahuja, Dr. Ram Subbaiah, Dr. Ajay D.Dahegaonkar, Dr. Gopinath R	Renewable Energy Conservation and Management	Jaya Lakshmi Publication	Nov-23	978-93-90203-67-3 (Book)
26.	Pasupuleti Ravindra Kumar and Naradasu Ravi Kumar	Comparative Exergy Analysis of Thermal Power Plant Systems	Intechopen Chapter 1	Apr-24	978-0-85466-683-6
27.	E. Sateesh, K. Lakshmi Padmavathi	Enhancing Disease Prediction Accuracy: Leveraging Random Forest Out of Bag for	CRC Press	23/04/2024	9781032665474

Sl.	Authors	Title of the Book/Chapter	Publisher	Published Month & Year	ISBN
	A Nageswara Rao	Early Detection and Diagnosis in Healthcare			
28.	A. Nageswara Rao, R. Jeyapaul, B. Chaitanya, G. Manikanta	Measuring the violations, errors and lapses using driving behaviour questionnaire (DBQ) on Indian drivers	CRC Press	24-Jun-24	9781032713229
Department of FED: 01 (Books: 01)					
29.	Dr. K. Gangadhar, Dr. K. Bhanu Lakshmi	Nano fluid flow with Bio convection and its Applications	LAMBERT Academic Publishing	16/08/2023	978-620-6-76743-5
Department of MBA: 04 (Books: 0, Chapters: 04)					
30.	Dr. A. Adishesha Reddy, Dr. Naresh Ogirala, Dr. Kakarla Deepika and Ms. A. Meghana Sai	Excellence in Management Education: A case and Research CompendiumChapter Name: Human Capital Intelligence (HCI) - The Heuristics and Horizons	AIMS	Aug-2023	978-93-5840-083-0
31.	Dr. A. Adishesha Reddy, A. Meghana Sai and CH. Sai Kumar	Excellence in Management Education: A case and Research CompendiumEase-of-Doing Business: Current Scenario	AIMS	Aug-2023	978-93-5840-083-0
32.	Mr. K. Ravi Kiran Yasaswi, Dr. Naresh Ogirala, Kankata	Excellence in Management Education: A case and	AIMS	Aug-2023	978-93-5840-083-0

Sl.	Authors	Title of the Book/Chapter	Publisher	Published Month & Year	ISBN
	Sateesh and D. Bharath Lakshman	Research CompendiumChapter Name: Financial Trend Analysis of FINCARE Small Finance Bank: The Analytical Exposure			
33.	Dr. K. Deepika Mr. U. Rambabu Dr. O. Naresh	Futuristic Trend in ManagementChapter Name: Role Of Artificial Intelligence In HR- A Theoretical Perspective	Iterative International Publishers	Apr-24	978-93-5747-582-2

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