



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.Reddy Nagar, Mylavaram – 521 230, Andhra Pradesh, INDIA.

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

Accredited by NAAC, NBA Tier-1 for CSE, IT, ECE, EEE & ME and “CPE” status by UGC.

Research & Development Cell

Details of Books/Chapters for the Academic Year - 20

ASE: 01, CE: 00, CSE: 08, ECE: 04, EEE: 04, EIE:01, IT: 04, ME: 03, FED: 01, MBA: 03 Total: 29

S.No.	Authors	Title of the Book	Publisher	Published Date	ISBN
1.	L. Prabhu, N. Kiran Jadediya, P. Gangadhar Venkata Ramana, and J. Srinivas ASE	Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering Title of Chapter: Numerical Investigation on Optimized Convergent Divergent Nozzle in 3S Separator Device	Springer	27-09-2020	978-981-15-6619-6
2.	Dr. O. Ramadevi CSE	Introduction To Data Science	Immortal Publications	Sep-2020	978-93-5416-648-8
3.	D. Srinivasa Rao CSE	Advances In Computational And Bio-Engineering Title of Paper : Frequent Item-Set Mining Using Lexicographical Sequential Tree Construction on Map Reduce Framework	Springer	Sep-2020	978-3-030-46939-9
4.	Shaik Johny Basha CSE	An Introduction to Data Science, Data Scientist & Data Analytics	Immortal Publications	Sep-2020	978-93-5416-648-8
5.	D. Srinivasa Rao CSE	Data Science: Issues, Challenges And Applications	Immortal Publications	Sep-2020	978-93-5416-648-8
6.	M. Sitha Ram CSE	Data Preparation, Data Preprocessing & Data	Immortal Publications	Sep-2020	978-93-5416-648-8

		Wrangling: Key Skills To Become A Data Scientist			
7.	Shaik Johny Basha CSE	Machine Learning Algorithms For Data Science Beginners: A Comprehensive Review	Immortal Publications	Sep-2020	978-93-5416-648-8
8.	Shaik Johny Basha CSE	A Study On Sentiment Analysis And Its Applications	Immortal Publications	Sep-2020	978-93-5416-648-8
9.	G.V. Suresh CSE	Mathematical Modelling Of Deterministic And Stochastic Models Of Infectious Disease	Immortal Publications	Sep-2020	978-93-5416-648-8
10.	Dr. Venkata Sudhakar Mupidi ECE	Modeling of IOT Enabled Parking Management using Mobile Application	Lambert Academic Publishing	29-06-2021	978-620-3-92776-4 (84 Pages)
11.	Dr. Srinivasulu Gundala M. Mahaboob Basha ECE	Basic and Advanced Multiplier Architectures	Lambert Academic Publishing	26-06-2021	978-620-3-92560-9 (53 Pages)
12.	Dr. Ravi Kumar Kandagatla ECE	Speech enhancement using statistical based and NMF approaches	Lambert Academic Publishing	14-05-2021	978-620-3-86086-3 (192 Pages)
13.	J. Babu, B. Ramesh Reddy, J. Doondi Kumar, N. Siva Govind, Baji Babu Mutte ECE	Shaped Beams for Circular Aperture Antennas (Conference Proceeding as Chapter)	Springer Part of Lecture Notes in Electrical Engineering Book Series	05-01-2021	978-981-15-8438-1 (page Number 169-178)
14.	Dr.G. Nageswara Rao EEE	AI Techniques for Harmonic Elimination in Cascaded Multilevel Inverter	Multidisciplinary Subjects for Research-IV, Volume-1 PP-234-237	Jan-21	978-1-716-20064-9
15.	Dr.K.Ramalingeswara Prasad, Dr.G.Nageswara Rao EEE	Power Quality Enhancement for Nonlinear Loads using Active Power Filter	Redshine Publication,	Mar-21	979-8-718-87865-3

			Lunawada (Gujarat).		
16.	Dr.G.Nageswara Rao EEE	Intellegent Control Schemes for Harmonic Elimination in Cascaded Multilevel Invereter	AkiNik, Publications, New Delhi.	May-21	978-93-90846-55-9
17.	Dr. M.S.Giridhar Dr. P.Sobha Rani EEE	Multi-objective Pareto based Optimal Placement and Sizing of Solar PV and Wind Generation System	Advanced Aspects of Engineering Research	May-21	978-93-90888-46-7
18.	Marlapalli K., Bandlamudi R.S.B.P., Busi Rambabu, Pranav V., Madhavrao B. EIE	Chapter: A Review on Image Compression Techniques, In: Communication Software and Networks. Lecture Notes in Networks and Systems, vol 134.	Springer, Singapore	04-10-2020	978-981-15-5396-7
19.	Dr. B. Rama Devi, Ch. Sambasivarao IT	Detecting driving information for Transporting using AI Techniques	Immortal Publications	Sep-20	978-93-5416-648-8
20.	Dr. K. Anupriya IT	Applications of Data Science	Immortal Publications	Sep-20	978-93-5416-648-8
21.	Dr. K. Lavanya IT	IOT and AI Applications to fight COVID-19 Pandemic	Immortal Publications	Sep-20	978-93-5416-648-8
22.	S. Nagamani, K.Rajasekhar IT	Significance of Hadoop map reduce Process and Data flow in map reduce	Immortal Publications	Sep-20	978-93-5416-648-8
23.	Dr. Perumalla Vijaya Kumar&Dr.Kandimalla Apparao ME	Phase change materials for thermal management and energy conservation in buildings (BOOK)	Lambert Academic Publishing	01-11-2020	ISBN:978-620-3-02881-2
24.	K. Soma Sekhar, P. Vijay Kumar, B. Kamala Priya ME	An Experimental Investigation of Tube-in-Tube Type Heat Exchanger to Enhance Heat Transfer Using Titanium Oxide TiO ₂ -	Springer	10.03. 2021	ISBN 978-981-33-4164-7

		Water Nanofluid (Book Chapter)			
25.	Dr.V.Dhana Raju, S.Rami Reddy ME	Effect of Nanoparticles in Bio-oil on the performance, combustion and emission characteristics of a diesel engine (Book Chapter)	Wiley Publisher	07.05.2021	978-1-119-79198-0
26.	Dr. V. Pawel FED	Family as an Oppressive Structure: A Study of Arundhati Roy's "The God of small Things" and Kiran Desai's "The inheritance of Loss".	Authors press	March 2021	978-93-90891-44-3
27.	Dr. V.V. N. Reddy MBA	Dynamic Business Trends and Innovations in Contemporary Times	Paramount Publishing House	01.12.2020 Book Editor	978-81-948876-3-8.
28.	Mr. P. Siva Reddy MBA	Equity Crowdfunding in Europe - A New Financial Phenomenon for Gen-Z Entrepreneurs			978-93-5457-696-6.
29.	Mr. P. Siva Reddy & K. RavikiranYasaswi MBA	Problems and Issues of Micro, Small and Medium Enterprises in Krishna District of Andhra Pradesh	Paramount Publishing House	01.12.2020	978-81-948876-3-8.