



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 R & D Accomplishments during the A.Y.: 2021-22

i.	No. of SCI papers	: 38
ii.	No. of ESCI papers	: 17
	Total Papers in Web of Science (WoS)	: 55
iii.	No. of Papers in Scopus indexed Journals	: 31
iv.	No. of Papers in Conf. Proceedings indexed by Scopus	: 85
	Total Papers in Scopus	:116
	Grand Total of Papers in Indexed Journals	: 171
v.	No. of Open Access Journals	:64
vi.	No. of Papers in General Conf. Proceedings	: 32
vii.	No. of Patents Published	: 75
viii.	No. of Books/Chapters published	: 25
ix.	No. of Grants Received	:
x.	No. of Supervisors and Scholars	:35/47
xi.	No. of Ph.D. Scholars awarded Ph.D.	: 03
xii.	No. of Faculty Secured Ph.D.	: 07

Research Publications for the A.Y.: 2021-22

		Details of Paper Publications									
SI.	Dept.	WoS		Scopus		Total	Open Access	Gen. Conf. Proc.	Grand Total	Patents	Book/Chapter
		SCI	ESCI	Jour.	Proc.						
1.	AE	01	--	--	01	02	--	--	02	--	--
2.	CE	--	--	--	09	09	02	--	11	--	--
3.	CSE	07	02	06	30	45	06	06	57	14	05
4.	ECE	04	03	03	15	25	13	12	50	06	01
5.	EEE	13	--	06	08	27	19	04	50	09	03
6.	EIE	01	02	--	--	03	04	--	07	--	--
7.	IT	--	--	08	13	21	04	06	31	06	09
8.	ME	08	10	05	06	29	02	03	34	40	01
9.	FED	04	--	03	03	10	09	--	19	--	--
10	MBA	--	--	--	--	--	05	--	05	--	06
	Total	38	17	31	85	171	64	32	235	75	25

Books

AE-0, CE-0, CSE-4, ECE-1, EEE-3, EIE-0, ME-1, IT-0, FED-0, MBA-2, Total-11

S. No.	Authors	Title of the Book	Publisher	Published Date	ISBN
1.	Dr. M. Srinivasa Rao Dr. D. Veeraiah (CSE)	Problem Solving and Programming in Java	LAP LAMBERT Academic Publishing	AUG-21	978-620-3-58352-6
2.	Dr.D.Venkata Subbaiah (CSE)	Information Security	Nitya Publications	Mar-22	97893-93-93694-57-7
3.	Shaik JohnyBasha (CSE)	A Review on Challenges and Threats to Unmanned AerialVehicles (UAVs)	Wiley	JUL-21	978-1-119-76917-0
4.	Ms.P.Sarala (CSE)	Concepts of Cloud Computing Essentials	Walnut Publication	March, 2022	978-9355740250
5.	Dr. Satyanarayana Talam, S L S IswaryaVinjamuri, Padmaja Nirmala (ECE)	Study on Energy Harvesting Efficiencies of Piezoelectric MEMS Devices	Lambert Academic Publishing, Germany	May 2022	978-620-4-75186-3
6.	Dr.G. Nageswara Rao (EEE)	Study on Modelling and Analysis of a Dynamic Voltage Restorer (DVR) and Sinusoidal Pulse Width Modulation (SPWM) Based Controller	New Approaches in Engineering Research. Vol.11, 25 August 2021 , Page 85-93		Print ISBN: 978-93-91882-99-0, eBook ISBN: 978-93-91882-95-2.

7.	S. Vijaya Madhavi, G. Tulasi Ram Das, K. Ramalingeswara Prasad (EEE)	Study of Controllers for an Isolated Full Bridge Boost Converter Topology in Fuel Cell Applications: A Comparative Approach	Newest Updates in Physical Science Research Vol. 13, 5 August 2021, Page 61-75, BP International publisher		Print ISBN: 978-93-91595-25-8, eBook ISBN: 978-93-91595-33-3
8.	Dr.K.R. Suja, Dr.N.Amuthan, D.Tivya Prasad, Dr.A.V.G.A. Marthanda (EEE)	Power Quality Management	Scientific International Publishing House (SIPH). 32B, Mazhuppan Street, Mannargudi, Tamilnadu, India.		ISBN: 978-93-5625-015-4
9.	B.Ashok, A.Naresh Kumar , Ashwin Jacob, R.Vignesh, (Mech)	Combustion Engines, Approaches Toward NOx Free Automobiles	Emission formation in IC engines, Elsevier	9 Nov 2021.	978-0-12-823955-1
10.	Dr. A. Adishesha Reddy (MBA)	Neuromarketing: The New Dawn and Disruption in Marketing Research	IntechOpen, London, UK	June 2021	978-1-83968-635-1
11.	Dr. A. Adishesha Reddy K. Ravi Kiran Yasaswi (MBA)	AI-POWERED HCM: The Analytics and Augmentations	IntechOpen, London, UK	November 2021	978-1-83969-273-4

Book Chapters

AE-0, CE-0, CSE-1, ECE-0, EEE-0, EIE-0, ME-0, IT-9, FED-0, MBA-4, Total-14

Sl.	Authors	Title of the Book	Publisher	Published Date	ISBN
1.	Burugadda Swathi (CSE)	Implementation of Multi Disciplinary Attributes for Generative Adversarial Networks	Immortal publications	FEB-22	978-93-5607-149-0

2.	A.Sarvani, B.Venugopal, S.Jyothi (IT)	Cognitive computing over Artificial Intelligence	Immortal	2022	978-93-5526-896-9
3.	Dr. R. Vijaya Kumar Reddy (CSE) M. Sanjana, P. Bindu Meghana, M. Sai PrudhviReddy, M.Lakshmi	Automatic question generation using Natural language processing	Immortal	2022	978-93-5526-896-9
4.	Dr. B. Srinivasa Rao, (IT) J. GeethaRenuka, K. Yamini	AI in Cyber Security	Immortal	2022	978-93-5526-896-9
5.	Sk.Saida, P.Chandana, Mr. Micheal Sadguna Rao (IT)	Artificial intelligence in Farming, Applications of Artificial Intelligence	Immortal	January 2022	978-93-5526-896-9
6.	Mr. VV. Krishna Reddy, Mr. Praveen Kumar (IT)	Artificial intelligence in Agriculture, Applications of the Artificial intelligence	Immortal	January 2022	978-93-5526-896-9
7.	Mr. Ch. Sambasiva Rao, P. Arun Kumar, R. Shalini, (IT)	Artificial Intelligence in Robotics (Applications of the Artificial intelligence)	Immortal	January 2022	978-93-5526-896-9
8.	Mr. K. Rajasekhar, G. Rajendra, Ms. D. Manogna, (IT)	Artificial Intelligence in Education	Immortal	January 2022	978-93-5526-896-9
9.	Mr. K. Phaneendra, VV Ram Manoj, D. Lakshmi sowmya, (IT)	Artificial Intelligence in HealthCare,	Immortal	January 2022	978-93-5526-896-9
10.	Mrs. M. Hemalatha, S.Sivarama Krishna, D. Likhith Reddy (IT)	AI for facial Emotion Recognition	Immortal	January 2022	978-93-5526-896-9
11.	Dr.D.Venkateswarlu, Dr.K.Deepika (MBA)	A Study on Green Marketing initiatives in Indian Scenario	RIGI Publications	April 2022	978-93-91041-36-6
12.	Dr.K.Deepika, Dr.D.Venkateswarlu (MBA)	Stress at work place and coping strategies for women employees-a theoretical perspective	RIGI Publications	April 2022	978-93-91041-36-6
13.	Mr.U.Rambabu (MBA)	Performance Evaluation Of Equity	Department of Commerce	February 2022	978-81-947453-1-0

		Linked Savings Schemes Of Mutual Funds: An Empirical Study	& Management, KBN College, Vijayawada		
14.	Mr.N.Samba SivaRao, Mr.U.Rambabu (MBA)	Using python to conduct experimental data analysis titanic data set	Research and Publication Cell, Dr. D. Y. Patil B-School, Tathawade, Pune	April 2022	978-81-950596-1-4

Dean R&D
(Dr E V Krishna Rao)