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**Institute of
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An Autonomous Institution

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

LIET/CSE/F-5/2023-24

REV.: 0.0:0.0

BOOK CHAPTERS PUBLISHED 2023-2024

S. No.	Name of the Faculty	Title of the Paper	Details of Publication				International/National
			Name of the Journal	Vol. & Issue	Year	ISSN No Impact factor	
1	Satyanarayana Mummana, Ramana Babu Budimure, Bosubabu Sambana, Preethi Gandreti A. Chandra Sekhar	Application of Intelligent Controllers in Speed Control of Synchronous Motor	Theory and Applications of Engineering Research	1868-4408	2024	978-81-969723-0-1	International
2,	Satyanarayana Mummana, Ramana Babu Budimure, Bosubabu Sambana, Preethi Gandreti A. Chandra Sekhar	Energy Enhanced Intelligent Secure Data Communication for Heterogeneous Networks	Intelligent Systems Reference Library ((ISRL,volume 240))		Oct 2023	978-3-031-28580-6	International

Faculty In-Charge

Head of the Department



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Details of Publications in Book Chapters

Academic Year: 2022-23

S. No.	Name of the Faculty	Title of the Books and Chapters	Page Numbers	Publisher Details	Link to The Article
1.	Mrs. S. Durga Madhuri Mrs.G.V. Sai Swetha, Mrs.B.V.R Gowri, Mr. K. Gurucharan, Mr. M.Sanyasi Naidu	Design of Water Quality Monitoring System Using IoT	419–427	Springer, Singapore	https://doi.org/10.1007/978-981-19-5331-6_43
2.	Mr.S.S Kiran	Optimization of RF MEMS Switch Using Linear Vector Quantization Network	329–337	Springer, Singapore	https://doi.org/10.1007/978-981-19-2308-1_34
3.	Mr. S. S. Kiran, Dr.M. Rajan Babu, Dr. B. Kiranmai, Mr. K. Gurucharan	Advanced Wireless Communications for Future Technologies-6G and beyond 6G	1-26	Taylor & Fransis	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003230526-1/advanced-wireless-communications-future-technologies-6g-beyond-6g-kiran-rajan-babu-kiranmai-gurucharan
4.	Dr.T. Anil kumar, Dr.M. Rajan Babu	Design of Printed Dipole Antenna Array for Directional Sensing Applications	181-195	Taylor & Fransis	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003230526-10/design-printed-dipole-antenna-array-directional-sensing-applications-anil-kumar-rajan-babu-madhav-venkateswara-rao?context=ubx&refId=33e77a35-8d19-44c7-b049-3276fdb6672e
5.	Mr. D. Suresh Kumar	Carry Select Adder Using Binary Excess-1 Converter and Ripple Carry Adder	289–294	Springer, Singapore	https://doi.org/10.1007/978-981-19-2308-1_30
6.	Dr.B. Kiranmai , Mr. K.	Brain MRI Image Active Contour Segmentation	--	Taylor & Fransis	https://www.taylorfrancis.com/ch



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	Gurucharan, Mr. S S Kiran, Dr. M. Rajan Babu	for Healthcare Systems			apters/edit/10.1201/9781003248750-8/brain-mri-image-active-contour-segmentation-healthcare-systems-kiranmai-babburu-gurucharan-kapila-kiran-mallavarapu-rajana-babu
7.	Mr. K.Guru Charan	Apple Fruit Classification and Damage Detection Using Pre-trained Deep Neural Network as Feature Extractor	235–243	Springer, Singapore.	https://doi.org/10.1007/978-981-16-8512-5_26



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AY – 2022-23 Book Chapters

S. No.	Name of the Faculty	Title of Book chapter	Title of Book	Year	ISBN Number	Whether National/ International	Publisher	Link of journals
1	Dr. B.V.S.Acharyulu	Collaborative Control of Voltage and Frequency of an Interconnected Power System Using MFO-Optimized Cascaded PI-PDF Controller	Smart Energy and Advancement in Power Technologies: Select Proceedings of ICSEAPT 2021 Volume 1	November 2022	978-981-19-4971-5	International	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-19-4971-5_47
2	Dr. D. Ramesh	Impact of Energy Systems Accumulation on Power System Stability and Stabilization Methods	Energy and Exergy for Sustainable and Clean Environment	July 2022	978-981-16-8278-0	International	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-16-8278-0_17

Book Publications

S. No.	Name of the Author	Title of the Book	Publisher	Year	ISBN Number	Link of journals
1	Mr.J.Vijaychandra	Fundamentals of Artificial Neural Networks	AIP	2023	978-93-95978-82-8	https://www.flipkart.com/fundamentals-artificial-neural-networks/p/itm11ceda07dc87b