



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (AN AUTONOMOUS INSTITUTE)

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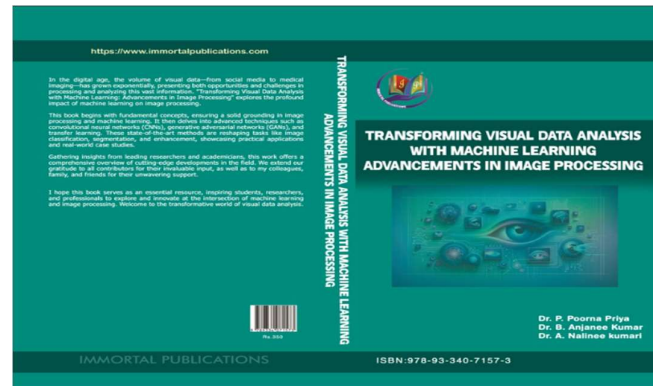
CRITERIA-3

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year 2023-2024

Additional Information

Books and Book Chapters

Book Chapters: Faculty and students co-authored about 60 chapters in books published by renowned publishers, highlighting multidisciplinary research in cutting-edge areas



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



PEER-2K24

PROJECTS ON ELECTRICAL ENGINEERING RESEARCH
3rd-Edition



Editors:
Gowtham Patnaik
Ganesh Gokulapati

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I² - Innovative Ideas 2k24

3rd-Edition

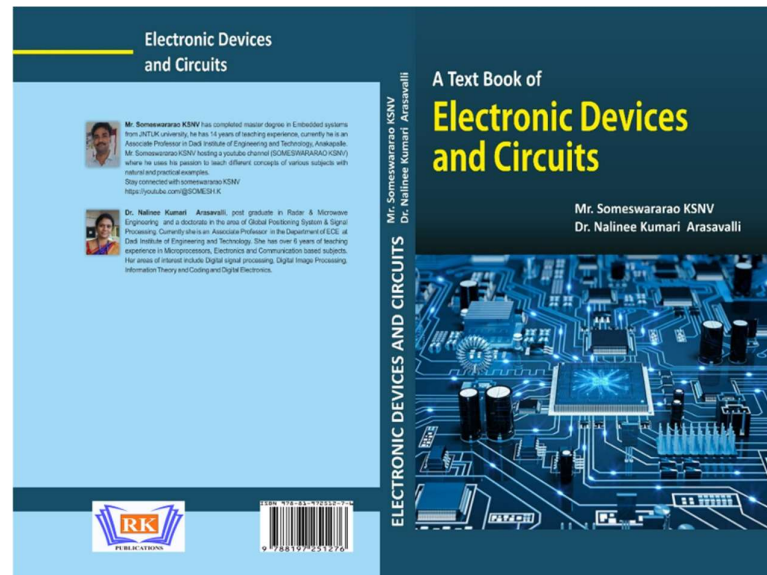


*Department of
Electrical & Electronics Engineering*

Student Editors

K. Sai Deepak
Y. Karthik
B. Dilesh Madhav
K. Prabhas Venkata Sai
G. Bhargav
R. Samuel Raj

- *Textbooks*: Two textbooks were developed and published in alignment with the JNTUGV curriculum, providing valuable resources for academic programs and enriching the learning experience.





Computer Networking: IPv4 and Multimedia over Internet

Author's

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Ms. Palla Sravani | Dr. U. D. Prasan | Mr. Arun Raj S.R

AUTHOR'S BIOGRAPHY

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Dr. S. Aruna Deepthi is currently working as Assistant Professor, Department of Electronics and Communication in Jeeva College of Engineering, Mahabubnagar and completed Ph.D in MPhil degree in Wireless Sensor Networks field. She has 20 years of Teaching Experience in Engineering also published several papers in reputed National and International Journals and Conferences and published several papers. Her current research interests include Image Processing, WiFi, Cloud computing, Machine Learning Deep Learning, IoT and Block Chain technologies.
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Ms. Palla Sravani is presently employed as an Assistant Professor in the Department of Computer Science and Engineering at Rajeev Engineering College, Bhubaneswar, Odisha, India. She completed her M.Tech in Computer Science and Engineering with a specialization in Computer Networks from Anna University, and her B.Tech in Computer Science and Engineering. She has authored several papers in national and international journals, conferences, seminars, and workshops. Her research interests include Artificial Intelligence and Machine Learning. Additionally, she holds two patents in the field of Artificial Intelligence and Machine Learning.
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Dr. U. D. Prasan, M.Sc., M.Tech., Ph.D. working as a Professor & Head of Department of Computer Science and Engineering at Andhra Institute of Technology and Management, Rajahmundry, Andhra Pradesh, India. He has been working in this college since 2007 and has 20 years of teaching experience. He was awarded Ph.D in May 2015 in Computer Science and Engineering and area of specialization is Sensor Networks. He published a good number of papers in International Journals with a good impact factor. His research interests are in Network Architecture, Computer Networks, Cloud Computing, Embedded Systems and IoT. He is also an invited reviewer of many journals of international repute. He has guided many research in applied Information Technology. His research areas are cyber security, Data communication and networking, wireless sensor networks.
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Mr. Arun Raj S.R working as an Assistant Professor in the Department of Electronics and Communication Engineering, Jeeva College of Engineering, Bhubaneswar, Odisha, India. He is having 10 years of Teaching Experience and has published several research articles in peer-reviewed journals. His areas of research are VLSI Design and Embedded System, Wireless Communication, Computer Networks, Internet of Things, Image Processing, Operating Systems, Machine Learning etc.


N.T.L. TECHNOLOGY
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Summary of book chapters:

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	National / International	Year and month of publication	ISBN/ISSN number of the proceeding	Name of the publisher
1	Mrs D L Mythri	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	Blood Cell Counting Using Watershed Segmentation	International	2024	978-93-340-7157-3	Immortal Publishers
2	Mr K S N V Someswararo	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	Mean Eye Distance Prediction Using VJ Technique	International	2024	978-93-340-7157-3	Immortal Publishers
3	Mr K S N V Someswararo	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	Stereo Disparity Map for Autonomous Driver Less Vehicles	International	2024	978-93-340-7157-3	Immortal Publishers

4	Mrs Archana B T	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	An Adaptive Image Enhancement for Low Illumination Using HSV Transformation and Image Fusion	International	2024	978-93-340-7157-3	Immortal Publishers
5	Mr R Suneel Kumar	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	Advanced Marine Detection using Advanced Image Processing	International	2024	978-93-340-7157-3	Immortal Publishers
6	Mr S Veerraju	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	Image Enhancement using ROPE	International	2024	978-93-340-7157-3	Immortal Publishers
7	Dr Nalineekumari Arasavali	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	ASL Prediction using CNN	International	2024	978-93-340-7157-3	Immortal Publishers

8	Mr S Veerraju	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	Sign Detection for Deaf and Dumb People Using ML	International	2024	978-93-340-7157-3	Immortal Publishers
9	Dr K Parvathi	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	Pest Detection in Plants using Image Processing Techniques	International	2024	978-93-340-7157-3	Immortal Publishers
10	Dr P Poorna Priya	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	A Hybrid Technique for Underwater Image Enhancement Using UWB and LOG Filter	International	2024	978-93-340-7157-3	Immortal Publishers
11	Dr Nalineekumari Arasavali	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	Virtual Medical Prescription using Computer Vision	International	2024	978-93-340-7157-3	Immortal Publishers

12	Mrs Archana B T	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	Deep Learning-Based Activity Recognition for Classroom Surveillance	International	2024	978-93-340-7157-3	Immortal Publishers
13	Ms. N Vidhyasri	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	Brain Tumor Detection in MRI Images by Applying Segmentation and Area Calculation Method Using Matlab	International	2024	978-93-340-7157-3	Immortal Publishers
14	Ms. N Vidhyasri	Transforming Visual Data Analysis with Machine Learning Advancements in Image Processing	Detection of Diabetic Retinopathy Using Retinal Image Analysis	International	2024	978-93-340-7157-3	Immortal Publishers
15	S. Ramana Kumar Joga, B. Kurma Reddy, K. Deekshith, K. Mohan Sai, S. Sashidhar	PEER 2K24	Microgrid Energy Management System Using Adaptive Bat Optimization Technique	International	2024	ISBN-13: 9798224478705	Smashwords

16	P Sravana Lakshmi, G Ganesh, M Pushpa, R Umasankar, M Swathi	PEER 2K24	Load Flow Analysis on various distribution systems to identify weak bus	International	2024	ISBN-13: 9798224478705	Smashwords
17	G Jagadeesh, M Manikanta, S Vamsi Krishna, B Manikanta, Ch Mahesh	PEER 2K24	Estimation of SOC For Lithium-Ion Battery Using EKF Method	International	2024	ISBN-13: 9798224478705	Smashwords
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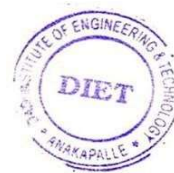
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