



Kammavari Sangham(R)-1952

K. S. INSTITUTE OF TECHNOLOGY

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BOOK CHAPTER & BOOK PUBLICATION DETAILS

2022-2023

Sl. No.	Name of the faculty	Title of the book	Publication details (Publisher, ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. Surekha Borra , Mr. Sunil Kumar G.R	Real-Time Piracy Detection Based on Thermogram Analysis and Machine Learning Techniques	<p>Computational Intelligence in Communications and Business Analytics, Communications in Computer and Information Science book series, Vol.1579, pp. 336-350, 2022. [ISBN978-3-031-10766-5]</p> <p>Link: https://doi.org/10.1007/978-3-031-10766-5_27</p> <p>Journal Link: https://www.springer.com/series/7899</p> <p>UGC Care List: Group-II</p> <p>Scopus Link: https://www.scopus.com/sourceid/17700155007</p> <p>SCI Link: https://www.scimagojr.com/journalsearch.php?q=17700155007&tip=sid&clean=0</p>
2.	Dr P N Sudha Dr. Devika B	Chronological –Squirrel Earth Worm Optimization for Power Minimization using Topology Management in MANET	<p>Distributed Computing and Optimization Techniques, Lecture Notes in Electrical Engineering ,Vol. 903, pp.219-229,2022.[ISBN:978-981-19-2281-7]</p> <p>DOI: https://doi.org/10.1007/978-981-19-2281-7_21</p> <p>Link: https://link.springer.com/chapter/10.1007/978-981-19-2281-7_21</p> <p>Scopus Link: https://www.scopus.com/sourceid/19700186822</p>
3	Dr. Surekha Borra , Mr. Sunil Kumar G.R	In-Theatre Real Time Piracy Detection and Discouraging System	<p>Design Studies and Intelligence Engineering , Proceedings of DSIE 2022, Frontiers in Artificial Intelligence and Applications Series, Vol. 365, pp.220-229,2023. [ISBN:978-1-64368-372-0]</p>

3	Dr. Surekha Borra , Mr. Sunil Kumar G.R	In-Theatre Real Time Piracy Detection and Discouraging System	<p><u>DOI:</u> 10.3233/FAIA220716, https://ebooks.iospress.nl/volumearticle/62652</p> <p>link: https://ebooks.iospress.nl/volumearticle/62652</p> <p><u>Paper link:</u> https://ebooks.iospress.nl/volume/design-studies-and-intelligence-engineering-proceedings-of-dsie-2022</p> <p>Book series Link: https://ebooks.iospress.nl/volumearticle/62652 https://www.scopus.com/sourceid/19500157321 https://www.scimagojr.com/journalsearch.php?q=19500157321&tip=sid&clean=0</p> <p><u>Scopus Link:</u> https://www.scopus.com/sourceid/19500157321</p>
4	Dr. Surekha Borra	Detection and Classification of Leukocytes in Blood Smear Images: State of the Art and Challenges	<p>Research Anthology on Improving Medical Imaging Techniques for Analysis and Intervention, Chapter 57, pp. 1099-1130, 2023, [EISBN:13: 9781668475454]</p> <p><u>DOI:</u> https://doi.org/10.4018/978-1-6684-7544-7.ch057</p> <p>Link: https://www.igi-global.com/gateway/chapter/315094</p>
2021-22			
Sl. No.	Name of the faculty	Title of the book	Publication details (Publisher, ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
5	Mrs. Bhargavi Ananth	Engineering Statistics and Linear Algebra	<p>New Age International (P) Limited, First Edition 2022</p> <p>[ISBN: 978-81-224-7214-1]</p>

2020-21

Sl. No	Name of the Faculty	Title of the Chapter	Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
6	Dr. Vaneeta M	Efficient Two-Layer Image Protection with Wavelet Transform Compression	Innovative Data Communication Technologies and Applications, Springer Nature Singapore, Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT, volume 59), Feb 2021, Chapter 37, PP-433-448, PRINT ISBN: 978-981-15-9650-6, Online ISBN: 978-981-15-9651-3 https://link.springer.com/chapter/10.1007%2F978-981-15-9651-3_37

BOOK CHAPTER PUBLICATIONS

Sl. No	Name of the Faculty	Title of the Chapter	Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
7	Dr. P N Sudha	Power-Cognizant Proactive Routing Protocol for Amending Energy in Ad-hoc Networks.	Part of the Lecture Notes in Electrical Engineering book series (LNEE, volume 601), pp 152-159,2020 DOI:10.1007/978-981-15-1420-3_17 Corpus ID: 219471495 https://www.scopus.com/authid/detail.uri?authorId=57192552807
8	Dr. Surekha Borra	Biometric Sensors	Encyclopedia of Cryptography, Security and Privacy. Springer, Berlin, Heidelberg., Feb. 2021, ISBN: 978-3-642-27739-9 https://doi.org/10.1007/978-3-642-27739-9_1604-1
9	Dr. Surekha Borra	COVID-19 Apps: Privacy and Security Concerns	Intelligent Systems and Methods to Combat Covid-19, Springer Briefs in Applied Sciences and Technology. Springer, Singapore., Chapter 2, pp. 11-17, 2020, Online ISBN: 978-981-15-6572-4, https://doi.org/10.1007/978-981-15-6572-4_2 https://www.scopus.com/sourceid/21100321695
10	Dr. Surekha Borra	Automation of Anomaly Detection in Warehouses: A Machine Learning-Based Approach	Lect. Notes in Networks, Syst., Vol. 169, Proceeding of First Doctoral Symposium on Natural Computing Research, Chapter 16, 2020, ISBN: 978-981-33-4072-5. https://www.scopus.com/sourceid/21100901469

11	Dr. Surekha Borra	Acute-Lymphoblastic Leukaemia Detection through Deep Transfer	Lect. Notes in Networks, Syst., Vol. 169, Proceeding of First Doctoral Symposium on Natural Computing Research, Chapter 17, 2020, ISBN: 978-981-33-4072-5.
		Learning Approach of Neural Network	https://www.scopus.com/sourceid/21100901469
12	Dr. Surekha Borra	Secure Anti-piracy System	Intelligent System Design, Advances in Intelligent Systems and Computing, Vol 1171. Springer, Singapore., pp. 827-835, 2021.
			Online ISBN: 978-981-15-5400-1, Print ISBN 978-981-15-5399-8,
			ISSN 2194-5365, https://doi.org/10.1007/978-981-15-5400-1_78 ,
			https://www.scopus.com/sourceid/5100152904
13	Dr. Kiran Kumar S.R	Modified Electrodes for Electrochemical Sensor Applications	International Book Market Service Ltd., Member of Ominiscriptum Publishing Group, Beau Bassin 71504, Mauritius ISBN: 978-613-8-94667-0, 2020

2019-20

Sl No.	Name of the faculty	Title of the book	Publication details (Publisher, ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
14	Dr. B Surekha	Intelligent decision support systems: application s in signal processing (frontiers in computational	De Gruyter, ISBN: 9783110618686, 2019 https://www.degruyter.com/view/product/509935?format=G

BOOK CHAPTER PUBLICATIONS

Sl No.	Name of the Faculty	Title of the Chapter	Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
15	Dr. P N Sudha	Secrecy capacity of symmetric keys generated by quantizing channel metrics over a fading channel	Inventive Computation Technologies, Springer, pp 404-413,2019 https://link.springer.com/chapter/10.1007/978-3-030-33846-6_45

16	Dr. Deepa. S. R	Bacterial Foraging Optimization-Based Clustering in Wireless Sensor Network by Preventing Left-Out nodes	Intelligent Computing Paradigm: Recent Trends. Studies in Computational Intelligence, Springer nature, Singapore, ISBN: 978-981-13-7334-3, Vol 784, pp 43- 58, Jan 2020 https://link.springer.com/book/10.1007/978-981-13-7334-3
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2018-19

Sl No.	Name of the faculty	Title of the book	Publication details (Publisher, ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
17	Dr. B Surekha	Satellite image analysis: clustering and classification	Springer briefs in applied sciences and technology, Springer, 2019, ISBN: 978-981-13-6424-2 ISSN: 2191-530x https://www.springer.com/gp/book/9789811364235#otherversion=9789811364242 https://www.scimagojr.com/journalsearch.php?q=21100321695&tip=sid&clean=0 Citations: 1
18	Dr. B Surekha	Digital image watermarking: theoretical and computational advances	CRC press, Taylor & Francis group, 2018 ISBN 9781138390638 https://www.routledge.com/Digital-Image-Watermarking-Theoretical-and-Computational-Advances/Borra-Thanki-Dey/p/book/9781138390638 Citations: 5
19	Dr. B Surekha	Medical big data and internet of medical things: advances, challenges, and applications	CRC press, Taylor & Francis, 2018, https://www.routledge.com/Medical-Big-Data-and-Internet-of-Medical-Things-Advances-Challenges-and/Hassanien-Dey-Borra/p/book/9781138492479
20	Dr. B Surekha	Machine learning in bio-signal analysis and diagnostic imaging	Elsevier, Netherlands, 2018, ISBN: 9780128160879 https://www.elsevier.com/books/machine-learning-in-bio-signal-analysis-and-diagnostic-imaging/dey/978-0-12-816086-2 https://www.scimagojr.com/journalsearch.php?q=21100202159&tip=sid&clean=0
21	Dr. P Joy Prabhakaran	Novel techniques for multi-resolution imaging	Lambert academic publishing, 2019, ISBN-13: 978-613-9-46002-1 https://www.lap-publishing.com/catalog/details//store/gb/book/978-613-9-46002-1/novel-techniques-for-multi-resolution-imaging

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SL No.	Name of the Faculty	Title of the Chapter	Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
22	Dr. B Surekha	Security of biometric and biomedical images using sparse domain-based watermarking technique	Handbook of multimedia information security: techniques and applications, pp 209-232, 2019, ISBN: 978-3-030-15887-3 https://link.springer.com/chapter/10.1007/978-3-030-15887-3_9
23	Dr. B Surekha	Application of machine learning algorithms for classification and security of diagnostic images	Machine learning in bio-signal analysis and diagnostic imaging, chapter 11, academic press, Elsevier ltd., 2018, pp.273-292, and 2018, ISBN 978-0-12-816086-2 https://www.sciencedirect.com/science/article/pii/B9780128160862000114
24	Dr. B Surekha	Real-time facial recognition using deep learning and local binary patterns	Proceedings of international ethical hacking conference 2018, Springer series on advances in intelligent systems and computing, Vol.811, pp.331-347, 2018, ISBN: 978-981-13-1543-5 https://link.springer.com/chapter/10.1007/978-981-13-1544-2_27 https://www.scopus.com/sourceid/5100152904
25	Dr. B Surekha	Watermarking techniques for copyright protection of texts in document	Cryptographic and information security approaches for images and videos, chapter 12, CRC press, Taylor and Francis group, pp. 323-352, 2018, ISBN: 978-1-1385-6384-1 https://www.taylorfrancis.com/books/9780429435461/chapters/10.1201/9780429435461-12
26	Dr. B Surekha	Compressive sensing in color image security	Cryptographic and information security approaches for images and videos, chapter 8, CRC press, Taylor and Francis group.pp.211-244, 2018, ISBN: 978-1-1385-6384-1 https://www.taylorfrancis.com/books/9780429435461/chapters/10.1201/9780429435461-8
27	Dr. B Surekha	Social networking in web-based movie recommendation system	Social networks science: design implementation security and challenges, chapter 2, Springer international publishing pp. 24-45, 2018, e-ISBN: 978-3-319-90059-9. https://www.springerprofessional.de/en/social-networking-in-web-based-movie-recommendation-system/15854650

28	Mr. Aditya Pai H	Research on Web Portal for Managing Research and Development	LAP LAMBERT Academic Publishing, Oct. 28 2018), ISBN- 10: 6139938511, ISBN-13: 978-6139938513 https://www.lap-publishing.com/catalog/details/store/fr/book/978-613-9-93851-3/research-on-web-portal-for-managing-research-and-development?search=Research%20on%20Web%20Portal%20for%20Managing%20Research%20and%20Development
29	Mrs. Swathi. K	Reduction of cycle Time by Implementing value stream Mapping	Lambert Academic Publishing, Germany, 978-613-4-99918-2, Jan-2018 https://www.lap-publishing.com/catalog/details/store/fr/book/978-613-4-99918-2/reduction-of-cycle-time-by-implementing-value-stream-mapping?search=Reduction%20of%20cycle%20Time%20by%20Implementing%20value%20stream%20Mapping
30	Mrs. Deepa.S.R	Cluster Optimization in Wireless Sensor Networks Using Particle Swarm Optimization	Mandal J., Sinha D. (eds) Social Transformation – Digital Way. CSI 2018. Communications in Computer and Information Science, Springer, Singapore, ISBN 978-981-13-1342-4, vol 836. Springer, Singapore. https://doi.org/10.1007/978-981-13-1343-1_23 https://link.springer.com/chapter/10.1007/978-981-13-1343-1_23


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