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# 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><a href="#">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]</a></p> <p>Link: <a href="https://doi.org/10.1007/978-3-031-10766-5_27">https://doi.org/10.1007/978-3-031-10766-5_27</a></p> <p>Journal Link: <a href="https://www.springer.com/series/7899">https://www.springer.com/series/7899</a></p> <p>UGC Care List: Group-II</p> <p>Scopus Link: <a href="https://www.scopus.com/sourceid/17700155007">https://www.scopus.com/sourceid/17700155007</a></p> <p>SCI Link: <a href="https://www.scimagojr.com/journalsearch.php?q=17700155007&amp;tip=sid&amp;clean=0">https://www.scimagojr.com/journalsearch.php?q=17700155007&amp;tip=sid&amp;clean=0</a></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: <a href="https://doi.org/10.1007/978-981-19-2281-7_21">https://doi.org/10.1007/978-981-19-2281-7_21</a></p> <p>Link: <a href="https://link.springer.com/chapter/10.1007/978-981-19-2281-7_21">https://link.springer.com/chapter/10.1007/978-981-19-2281-7_21</a></p> <p>Scopus Link: <a href="https://www.scopus.com/sourceid/19700186822">https://www.scopus.com/sourceid/19700186822</a></p>
3	Dr. Surekha Borra , Mr. Sunil Kumar G.R	In-Theatre Real Time Piracy Detection and Discouraging System	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]

	Dr. Surekha Borra , Mr. Sunil Kumar G.R	In-Theatre Real Time Piracy Detection and Discouraging System	<p><u>DOI:</u>  <a href="https://ebooks.iospress.nl/volumearticle/62652">10.3233/FAIA220716, https://ebooks.iospress.nl/volumearticle/62652</a></p> <p>link:  <a href="https://ebooks.iospress.nl/volumearticle/62652">https://ebooks.iospress.nl/volumearticle/62652</a></p> <p>Paper link:  <a href="https://ebooks.iospress.nl/volume/design-studies-and-intelligence-engineering-proceedings-of-dsie-2022">https://ebooks.iospress.nl/volume/design-studies-and-intelligence-engineering-proceedings-of-dsie-2022</a></p> <p>Book series Link:  <a href="https://ebooks.iospress.nl/volumearticle/62652">https://ebooks.iospress.nl/volumearticle/62652</a>  <a href="https://www.scopus.com/sourceid/19500157321">https://www.scopus.com/sourceid/19500157321</a>  <a href="https://www.scimagojr.com/journalsearch.php?q=19500157321&amp;tip=sid&amp;clean=0">https://www.scimagojr.com/journalsearch.php?q=19500157321&amp;tip=sid&amp;clean=0</a></p> <p>Scopus Link:  <a href="https://www.scopus.com/sourceid/19500157321">https://www.scopus.com/sourceid/19500157321</a></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> <a href="https://doi.org/10.4018/978-1-6684-7544-7.ch057">https://doi.org/10.4018/978-1-6684-7544-7.ch057</a></p> <p>Link:  <a href="https://www.igi-global.com/gateway/chapter/315094">https://www.igi-global.com/gateway/chapter/315094</a></p>
<b>2021-22</b>			
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>
<b>2020-21</b>			
Sl. No	<b>Name of the Faculty</b>	<b>Title of the Chapter</b>	<b>Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations</b>

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 <a href="https://link.springer.com/chapter/10.1007%2F978-981-15-9651-3_37">https://link.springer.com/chapter/10.1007%2F978-981-15-9651-3_37</a>
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#### BOOK CHAPTER PUBLICATIONS

	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.	<a href="#">Part of the Lecture Notes in Electrical Engineering book series (LNEE, volume 601), pp 152-159,2020</a> <a href="#">DOI:10.1007/978-981-15-1420-3_17 Corpus ID: 219471495</a> <a href="https://www.scopus.com/authid/detail.uri?authorId=57192552807">https://www.scopus.com/authid/detail.uri?authorId=57192552807</a>
8	Dr. Surekha Borra	Biometric Sensors	Encyclopedia of Cryptography, Security and Privacy. Springer, Berlin, Heidelberg., Feb. 2021, ISBN: 978-3-642-27739-9 <a href="https://doi.org/10.1007/978-3-642-27739-9_1604-1">https://doi.org/10.1007/978-3-642-27739-9_1604-1</a>
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, <a href="https://doi.org/10.1007/978-981-15-6572-4_2">https://doi.org/10.1007/978-981-15-6572-4_2</a> <a href="https://www.scopus.com/sourceid/21100321695">https://www.scopus.com/sourceid/21100321695</a>
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. <a href="https://www.scopus.com/sourceid/21100901469">https://www.scopus.com/sourceid/21100901469</a>
11	Dr. Surekha Borra	Acute-Lymphoblastic Leukaemia Detection through Deep Transfer Learning Approach of Neural Network	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. <a href="https://www.scopus.com/sourceid/21100901469">https://www.scopus.com/sourceid/21100901469</a>

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,
			<a href="https://doi.org/10.1007/978-981-15-5400-1_78">ISSN 2194-5365, https://doi.org/10.1007/978-981-15-5400-1_78,</a>
			<a href="https://www.scopus.com/sourceid/5100152904">https://www.scopus.com/sourceid/5100152904</a>
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

	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: applications in signal processing (frontiers in computational	De Gruyter, ISBN: 9783110618686, 2019 <a href="https://www.degruyter.com/view/product/509935?format=G">https://www.degruyter.com/view/product/509935?format=G</a>

## BOOK CHAPTER PUBLICATIONS

	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 <a href="https://link.springer.com/chapter/10.1007/978-3-030-33846-6_45">https://link.springer.com/chapter/10.1007/978-3-030-33846-6_45</a>
16	Dr. Deepa. S. R	Bacterial Foraging Optimization-Based Clustering in Wireless Sensor Network by Preventing Left-Out nodes	<a href="https://link.springer.com/book/10.1007/978-981-13-7334-3">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</a> <a href="https://link.springer.com/book/10.1007/978-981-13-7334-3">https://link.springer.com/book/10.1007/978-981-13-7334-3</a>

## 2018-19

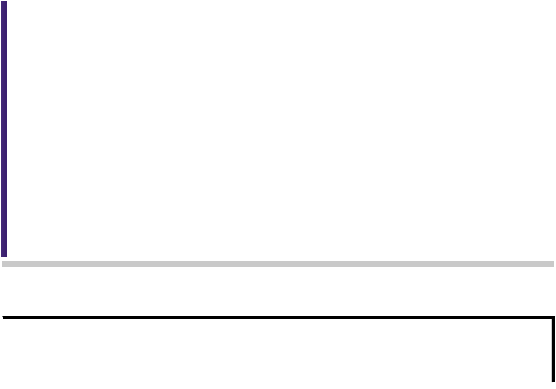
	Name of the faculty	Title of the book	Publication details (Publisher, ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
17	Dr. B Surekha	Satellite image analysis: clustering and classification	Springer briefs in applied sciences and technology, Springer, 2019, ISBN: 978-981-13-6424-2

			ISSN: 2191-530x <a href="https://www.springer.com/gp/book/9789811364235#otherversion=9789811364242">https://www.springer.com/gp/book/9789811364235#otherversion=9789811364242</a> <a href="https://www.scimagojr.com/journalsearch.php?q=21100321695&amp;tip=sid&amp;clean=0">https://www.scimagojr.com/journalsearch.php?q=21100321695&amp;tip=sid&amp;clean=0</a> Citations: 1
18	Dr. B Surekha	Digital image watermarking: theoretical and computational advances	CRC press, Taylor & Francis group, 2018 ISBN 9781138390638 <a href="https://www.routledge.com/Digital-Image-Watermarking-Theoretical-and-Computational-Advances/Borra-Thanki-Dey/p/book/9781138390638">https://www.routledge.com/Digital-Image-Watermarking-Theoretical-and-Computational-Advances/Borra-Thanki-Dey/p/book/9781138390638</a> Citations: 5
19	Dr. B Surekha	Medical big data and internet of medical things: advances, challenges, and applications	CRC press, Taylor & Francis, 2018, <a href="https://www.routledge.com/Medical-Big-Data-and-Internet-of-Medical-Things-Advances-Challenges-and/Hassanien-Dey-Borra/p/book/9781138492479">https://www.routledge.com/Medical-Big-Data-and-Internet-of-Medical-Things-Advances-Challenges-and/Hassanien-Dey-Borra/p/book/9781138492479</a>
20	Dr. B Surekha	Machine learning in bio-signal analysis and diagnostic imaging	Elsevier, Netherlands, 2018, ISBN: 9780128160879 <a href="https://www.elsevier.com/books/machine-learning-in-bio-signal-analysis-and-diagnostic-imaging/dey/978-0-12-816086-2">https://www.elsevier.com/books/machine-learning-in-bio-signal-analysis-and-diagnostic-imaging/dey/978-0-12-816086-2</a> <a href="https://www.scimagojr.com/journalsearch.php?q=21100202159&amp;tip=sid&amp;clean=0">https://www.scimagojr.com/journalsearch.php?q=21100202159&amp;tip=sid&amp;clean=0</a>
21	Dr. P Joy Prabhakaran	Novel techniques for multi-resolution imaging	Lambert academic publishing, 2019, ISBN-13: 978-613-9-46002-1 <a href="https://www.lap-publishing.com/catalog/details//store/gb/book/978-613-9-46002-1/novel-techniques-for-multi-resolution-imaging">https://www.lap-publishing.com/catalog/details//store/gb/book/978-613-9-46002-1/novel-techniques-for-multi-resolution-imaging</a>
BOOK CHAPTER PUBLICATIONS			
	<b>Name of the Faculty</b>	<b>Title of the Chapter</b>	<b>Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations</b>
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 <a href="https://link.springer.com/chapter/10.1007/978-3-030-15887-3_9">https://link.springer.com/chapter/10.1007/978-3-030-15887-3_9</a>
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 <a href="https://www.sciencedirect.com/science/article/pii/B9780128160862000114">https://www.sciencedirect.com/science/article/pii/B9780128160862000114</a>
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

47			<a href="https://link.springer.com/chapter/10.1007/978-981-13-1544-2_27">https://link.springer.com/chapter/10.1007/978-981-13-1544-2_27</a> <a href="https://www.scopus.com/sourceid/5100152904">https://www.scopus.com/sourceid/5100152904</a>
25	Dr. B Surekha	Watermarking techniques for copyright protection of texts in document	<p>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</p> <p><a href="https://www.taylorfrancis.com/books/9780429435461/chapters/10.1201/9780429435461-12">https://www.taylorfrancis.com/books/9780429435461/chapters/10.1201/9780429435461-12</a></p>
26	Dr. B Surekha	Compressive sensing in color image security	<p>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</p> <p><a href="https://www.taylorfrancis.com/books/9780429435461/chapters/10.1201/9780429435461-8">https://www.taylorfrancis.com/books/9780429435461/chapters/10.1201/9780429435461-8</a></p>
27	Dr. B Surekha	Social networking in web-based movie recommendation system	<p>Social networks science: design implementation security and challenges, chapter 2, Springer international publishing pp. 24-45, 2018, e-ISBN: 978-3-319-90059-9.</p> <p><a href="https://www.springerprofessional.de/en/social-networking-in-web-based-movie-recommendation-system/15854650">https://www.springerprofessional.de/en/social-networking-in-web-based-movie-recommendation-system/15854650</a></p>
28	Mr. Aditya Pai H	Research on Web Portal for Managing Research and Development	<p>LAP LAMBERT Academic Publishing, Oct. 28 2018), ISBN- 10: 6139938511, ISBN-13: 978-6139938513 <a href="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">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</a></p>
29	Mrs. Swathi. K	Reduction of cycle Time by Implementing value stream Mapping	<p>Lambert Academic Publishing, Germany, 978-613-4-99918-2, Jan-2018 <a href="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">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</a></p>

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. <a href="https://doi.org/10.1007/978-981-13-1343-1_23">https://doi.org/10.1007/978-981-13-1343-1_23</a> <a href="https://link.springer.com/chapter/10.1007/978-981-13-1343-1_23">https://link.springer.com/chapter/10.1007/978-981-13-1343-1_23</a>
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