



**CHANDIGARH
ENGINEERING COLLEGE
CGC, LANDRAN, MOHALI**

*Chandigarh Engineering College - CGCLandran,
Mohali, Punjab*

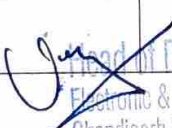
Sl. No.	Name of the teacher	Title of the Book/ Book Chapter	National / International	Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Ashima Kalra	Statistical Distribution of Blood Glucose Levels in Diabetic Patients Diagnosis Using ML-Based PCA Methods	International	2024	978-3-031-65021-5	Chandigarh Engineering college	Springer
2	Komal Arora	Biosensors and disease diagnostics in medical field	International	2024	9780443240287	Chandigarh Engineering college	Elsevier
3	Parveen Singla	Blockchain, Evolution and Future Scope: An Overview	International	2023	9781003466949	Chandigarh Engineering college	IGI Global
4	Nidhi Chahal	Emergent Converging Technologies and Biomedical Systems/ Recognition of Hypertension Through Retinal Fundus Images by Segmentation of Blood Vasculature	International	2023	978-981-99-2271-0	Chandigarh Engineering college	Springer
5	Tarun Singhal	Robic Arm, Impact on industrial and domestic Applications (Wiley)	International	2023	9781119763468	Chandigarh Engineering college	IGI Global
6	Ashima Kalra	Adversarial Attacks on graph neural network: techniques and Counter measures /Methods and applications of graph neural networks for fake news detection using AI inspired algorithms	International	2023	978-166-84-6903-3	Chandigarh Engineering college	IGI Global
7	Ramanpreet Kaur	Machine Learning for Sustainable Manufacturing in Industry 4.0: Concept, Concerns and Applications/ Applications of Artificial Intelligence Across Industry 4.0	International	2023	978-100-34-5356-7	Chandigarh Engineering college	CRC Press & Talyor & Francis
8	Sukhdeep Kaur	Performance Comparison of Routing Protocols of WBAN for Emergency Handling in Homogeneous Network	International	2023	978-981-99-2271-0(online)	Chandigarh Engineering college	IGI Global
9	Parveen Singla	Smart Distributed Embedded Systems for Healthcare Applications/ Bioweapons versus Computer-Based Counter Measure Techniques and Mathematical Modelling for the Prediction of COVID 19	International	2023	978-100-32-5411-9	Chandigarh Engineering college	CRC Press & Talyor & Francis
10	Dr Rinkesh Mittal	Smart Distributed Embedded Systems for Healthcare Applications: Bioweapons versus Computer-Based Counter Measure Techniques and Mathematical Modelling for the Prediction of COVID 19	International	2023	9781003254119 ;DOI: 10.1201/9781003254119-9	Chandigarh Engineering college- CGC	CRC Press
11	Dr. Sukhdeep Kaur	Smart Distributed Embedded Systems for Healthcare Applications: Bioweapons versus Computer-Based Counter Measure Techniques and Mathematical Modelling for the Prediction of COVID 19	International	2023	9781003254119 ;DOI: 10.1201/9781003254119-9	Chandigarh Engineering college- CGC	CRC Press
		Machine Learning for Sustainable Manufacturing in					

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12	Dr. Ashima Kalra	Industry 4.0: Concept, Concerns and Applications: Applications of Artificial Intelligence Across Industry 4.0	International	2023	9781003453567	Chandigarh Engineering college- CGC	CRC Press
13	Dr. Ashima Kalra	Intelligent Systems and Applications in Computer Vision: Nature Inspired Computing for Optimization	International	2023	9781032392950	Chandigarh Engineering college- CGC	CRC Press
14	Dr. Ramanpreet Kaur	Lecture Notes in Electrical Engineering: Performance Comparison of Routing Protocols of WBAN for Emergency Handling in Homogeneous Network	International	2023	978-981-99-2271-0	Chandigarh Engineering college	Springer
15	Dr. Ramanpreet Kaur	Lecture Notes in Electrical Engineering: Recognition of Hypertension Through Retinal Fundus Images by Segmentation of Blood Vasculature	International	2023	978-981-99-2271-0	Chandigarh Engineering college	Springer
16	Dr. Tarun Singhal	Adversarial Attacks on Graph Neural Network: Techniques and Countermeasures: Methods and Applications of Graph Neural Networks for Fake News Detection Using AI-Inspired Algorithms	International	2023	9781668469033	Chandigarh Engineering college	IGI Global
17	Nidhi Chahal	Robotic Arm: Impact on Industrial and Domestic Applications	International	2023	9781119763468	Chandigarh Engineering college	Scrivener
18	Tarun singhal	Harnessing the Internet of Thing (IoT) for a Hyper connected Smart world/Innovations in Digital farming: Relevance in present scenario	International	2022	9781774639740	Chandigarh Engineering College, Landran	CRC (Taylor & Francis)
19	Dr. Parveen Singla	Computational Technologies in Materials Science	International	2022	9780367640576	Chandigarh Engineering College, Landran	CRC Press, Taylor and Francis Group, US
20	Dr. Ramanpreet Kaur	Artificial Intelligence applications for health care / Preliminary Study of Retinal Lesions Classification on Retinal Fundus Images for the Diagnosis of Retinal Diseases	International	2022	9781003241409	Chandigarh Engineering College, Landran	CRC (Taylor & Francis)
21	Dr. Ankur Singhal	Lecture Notes in Networks and Systems / Performance Enhancement of UAV-Based Cognitive Radio Network	International	2022	978-0-7354-4253-5	Chandigarh Engineering College, Landran	IEEE
22	Dr. Parveen Singla	Computational Technologies in Materials Science	International	2022	9780367640576	Chandigarh Engineering College, Landran	CRC Press, Taylor and Francis Group, US
23	Dr. Bhawna tandon	Smart Electrical Grid System: Design Principle, Modernization, and Techniques/ Unified Smith Predictor	International	2022	9781003242277	Chandigarh Engineering College, Landran	CRC (Taylor & Francis)

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24	Nidhi Chahal	Convergence of deep learning and artificial intelligence in IoT: An Overview: - Understanding of Image Fusion	International	2022	9781003355960	Chandigarh Engineering College, Landran	CRC (Taylor & Francis)
25	Ashima Kalra	Machine learning with text using python	International	2022	9789355152060	Chandigarh Engineering College, Landran	Bookriver publications
26	Dr. Ramanpreet Kaur	Decision analytics for Sustainable Development in Smart Society 5.0: Intelligent systems for Sustainable Development of Healthcare Industry in book Decision analytics for Sustainable Development in Smart Society 5.0	International	2022	9789811916892	Chandigarh Engineering College, Landran	Springer Nature
27	Nidhi Chahal	Convergence of deep learning and artificial intelligence in IoT: An Overview: - Understanding of Image Fusion	International	2022	9781003355960	Chandigarh Engineering College, Landran	CRC (Taylor & Francis)
28	Dr. Dinesh Arora	Computer Science > Computer Vision and Pattern Recognition: Variational Approach for Intensity Domain Multi-exposure Image Fusion	2022-7-9	2022	https://doi.org/10.48550/arXiv.2207.04204 Focus to learn more	Chandigarh Engineering college- CGC	arXiv preprint arXiv:2207.04204
29	Ankur Singhal	Harnessing the Internet of Thing (IoT) for a Hyper connected Smart world / Innovations in Digital farming: Relevance in present scenario	International	2022	9781774639740	Chandigarh Engineering College, Landran	CRC (Taylor & Francis)
30	Jaskirat Kaur	Artificial Intelligence applications for health care / Preliminary Study of Retinal Lesions Classification on Retinal Fundus Images for the Diagnosis of Retinal Diseases	International	2022	9781003241409	Chandigarh Engineering College, Landran	CRC (Taylor & Francis)
31	Dr Ankur Singhal	Lecture Notes in Networks and Systems / Performance Enhancement of UAV-Based Cognitive Radio Network	International	2022	978-0-7354-4253-5	Chandigarh Engineering College, Landran	IEEE
32	Dr. Parveen Singla	High-k Materials in Multi-Gate FET Devices	International	2021	9780367639686	Chandigarh Engineering College, Landran	CRC Press, Taylor and Francis Group, US
33	Dr. Harpal Singh	Book Chapter - Deep Learning in Content-Based Medical Image Retrieval	International	2021	9781003153405	Chandigarh Engineering College, Landran	Taylor and Francis, CRC Press, United Kingdom (2022)
34	Dr. Shashi Bala	Book Chapter - Design and Simulation Analysis of NWFET for Digital Application	International	2021	978-1-7998-6467-7	Chandigarh Engineering College, Landran	IGI Global
35	Ashima Kalra	Microprocessor and its applications	International	2021	9789394002029	Chandigarh Engineering College,	SIPH publications, SCIENTIFIC


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36	Ashima Kalra	Ethical hacking and its methodology	International	2021	9789392992247	Chandigarh Engineering College, Landran	SIPH publications, SCIENTIFIC INTERNATIONAL
37	Dr Mohit Srivastava	Image Processing in Renewable Energy Resources: Opportunities and Challenges	International	2021	9789815036992	Chandigarh Engineering College, Landran	Banthom Books
38	Parveen Singla	A Novel Automated Approach for Deep Learning on Stereotypical Autistic Motor Movements	International	2021	9781799874607	Chandigarh Engineering College, Landran	IGI Global
39	Mohit Srivastava	Pre- and post-fit selection for Image segmentation	International	2021	9781003129103	Chandigarh Engineering College, Landran	Taylor and Francis, CRC Press, United Kingdom
40	Manvinder Sharma	An Algorithm to Recognize and Classify Circular Objects from Image on Basis of Their Radius	International	2021	978981158296-7	Chandigarh Engineering College, Landran	Springer
41	Tarun Singla	A Novel Technique on Autism Spectrum Disorders Using Classification Techniques	International	2021	4018/978-1-7998	Chandigarh Engineering College, Landran	WFCF
42	Mohit Srivastava	Speech Recognition Fundamentals and Features	International	2021	9781003082033	Chandigarh Engineering College, Landran	Taylor and Francis, CRC Press, United Kingdom
43	Dr. Harbinder Singh	Modern Trends in Diatom Identification / Multifocus and Multiexposure Techniques	International	2020	9783030392123	Chandigarh Engineering College, Landran	Springer
44	Dr. Harbinder Singh	Lecture Notes in Computer Science/Pencil Drawing of Microscopic Images Through Edge Preserving Filtering	International	2020	978-3-030-31320-3	Chandigarh Engineering College, Landran	Springer, cham
45	Dr. Dinesh Arora	Ambient Communications and Computer Systems / Implementation of Handoff System to Improve the Performance of a Network by Using Type-2 Fuzzy	International	2020	9789811515187	Chandigarh Engineering College, Landran	Springer-Singapur
46	Ashima Kalra	Algorithms for Intelligent Systems book series (AIS) / Computer-Aided Textural Features-Based Comparison of Segmentation Methods for Melanoma Diagnosis	International	2020	9789811526206	Chandigarh Engineering College, Landran	Springer
47	Dr. Harbinder Singh	Computational Intelligence for Machine Learning and Healthcare Informatics/Classification of various image fusion algorithms and their performance evaluation metrics	International	2020	9783110648195	Chandigarh Engineering College, Landran	De Gruyter
		Machine Vision Inspection Systems: Image Processing, Concepts, Methodologies and Applications /				Chandigarh Engineering	

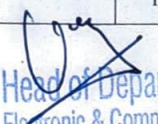
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48	Jaskirat Kaur	Methodology for the Detection of Asymptomatic Diabetic Retinopathy	International	2020	9781119681809	College, Landran	WILEY
49	Dr. Harbinder	Multifocus and Multiexposure Techniques	International	2020	978-3-030-39212-3	Chandigarh Engineering College, Landran	SPRINGER
50	Dr. Shashi Bala	Book Chapter - Bundled SWCNT for Global VLSI Interconnects/ Brace of Nanowire FETs in the Advancements and Miniaturizations of Recent Integrated Circuits Design	International	2020	978-1-7998-6467-7	Chandigarh Engineering College, Landran	IGI Global
51	Shashi Bala	CNTFET- Based Memory Design	International	2020	10.4018/978-1-7998-1393-	Chandigarh Engineering College, Landran	IGI Global
52	Dr. Parveen Singla	Smart Technologies for Sustainable Development	International	2020	978-93-90188-08-6	Chandigarh Engineering College, Landran	ESN Publications
53	Manvinder Sharma	An Algorithm for Target Detection, Identification, Tracking and estimation of motion for passive homing missile autopilot guidance	International	2020	978-981-15-7129	Chandigarh Engineering College, Landran	Springer
54	Vinay	Multifocus and Multiexposure Techniques	International	2020	978-3-030-39212-3	Chandigarh Engineering College, Landran	SPRINGER
55	Dr. Bhawna Tandon	How can Robust Control of Nonlinear systems be achieved? Examining optimization techniques.	NA	2019	9783346038654	Chandigarh Engineering College, Landran	Grin publications, Germany
56	Dr. Parveen Singla	Modern Research Trends in Technology and Innovations	NA	2019	9789386789822	Chandigarh Engineering College, Landran	Kaav Publication
57	Dr. Parveen Singla	WCDMA System over Fading Channels	NA	2019	9786139995578	Chandigarh Engineering College, Landran	Lambert Academy Publication, Germany
58	Dr. Dinesh Arora	Hybrid Technique to Reduce PAPR in OFDM / Futuristic Trends in Network and Communication Technologies	International	2018	9789811338038	Chandigarh Engineering College, Landran	Springer-Singapur
59	Nidhi Chahal	Communication Systems	International	2018	9352740947	Chandigarh Engineering College, Landran	University Science Press (Laxmi Publications)
60	Ashima Kalra	Speech recognition using genetic algorithm	International	2018	9789356252295	Chandigarh Engineering College, Landran	SIPH publications, SCIENTIFIC INTERNATIONAL
61	Ashima Kalra	Lecture Notes in Networks and Systems book series (LNNS, volume 34) / Heart Risk Prediction System Based on Supervised ANN	International	2018	23673389	Chandigarh Engineering College, Landran	Springer
62		Comparative Survey of Swarm Intelligence					

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	Ashima Kalra	Optimization Approaches for ANN Optimization / Advances in Intelligent Systems and Computing book series (AISC, volume 624)	International	2018	23673389	Chandigarh Engineering College, Landran	Springer
63	Ashima Kalra	Supervised Learning Technique for Prediction of Diseases / Advances in Intelligent Systems and Computing book series (AISC, volume 624)	International	2018	21945365	Chandigarh Engineering College, Landran	Springer
64	Dr. Parveen Singla	Lecture Notes in Civil Engineering / Smart Technology for Sustainable Development	International	2017	9789390188086	Chandigarh Engineering College, Landran	ESN Publication, Chennai, India.



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