

Department of Computer Science & Engineering						
Book Chapters						
Sr. No.	Name of Faculty	Topic Name	Name of Journal	ISBN	Author(s)	Year
1	Ms. Sukhpreet Kaur	Robotics and IoT	REST Publisher	978-81-977885-7-4	Sukhpreet Kaur	2024
2	Ms. Saumya Rajvanshi	Research on Problems and Solutions of Overfitting in Machine Learning	Springer	978-981-97-2508-3	Saumya Rajvanshi	2024
3	Ms. Sukhdeep Kaur	Image to text to speech: a web-based application using optical character recognition and speech synthesis	De Gruyter	9783-11133-1133	Sukhdeep Kaur	2024
4	Dr. Sukhpreet Kaur	Privacy and Security Concerns with Augmented Reality / Virtual Reality : A Systematic Review	Wiley Online Library	978-1-394-16639-8	Sukhpreet Kaur, Saumya Rajvanshi	2024
5	Dr. Sukhpreet Kaur	Tumor Detection and Classification	Wiley Online Library	978-1-394-24418-1	Sukhpreet Kaur, Saumya Rajvanshi	2024
6	Dr. Pravneet Kaur	QoD metrics: Indicators of quality of design in software engineering paradigm	CRC Press & Talyor & Francis	978-1-003-51083-3	Pravneet Kaur, Sukhpreet Kaur, Manpreet Kaur	2024
7	Ms. Parneet Kaur	Enhancing Android Malware Detection: CFS Based Texture Feature Selection and Ensembled Classifier for Malware App Analysis	Springer, Cham	978-3-031-53084-5	Parneet Kaur	2024
8	Dr. Parveen Sharma	Securing privacy in the meta verse advancing bio medical image analysis through " Federated Learning and privacy preserving in health care AI"	SCOPUS	9798-3693-1874-4	Parveen Sharma	2024

9	Ms. Saumya Rajvanshi	Intelligent Security Solutions for Cyber physical systems/Cyber Physical System:Security Attack Detection:Methods and Models	Taylor and Francis	9781-0034-0610-5	Saumya Rajvanshi	2024
10	Ms. Sukhdeep Kaur	Advancing Aerospace Inspection With Terahertz Technology	IGI global	979-8-3693-1954-3	Sukhdeep Kaur	2024
11	Ms. Sukhdeep Kaur	Image to text to speech: a web-based application using optical character recognition and speech synthesis	De Gruyter	978311-1311-33-016	Sukhdeep Kaur	2024
12	Ms. Renu Saini	Exploring the potential of cloud computing in revolutionizing healthcare	CRC Press	97810-0350-1244	Renu Saini	2024
13	Dr. Gagandeep Kaur	A 2X2 compact and portable UWB MIMO dielectric resonator antenna(DRA) for future mobile handset with improved diversity and isolation level	Springer	978-981-97-2508-3	Gagandeep Kaur, Harpreet Kaur, Ramanpreet Kaur	2024
14	Ms. Harpreet Kaur	Combating Women's Health Issues with Machine Learning	CRC Press	978-100-337-855-6	Harpreet Kaur	2023
15	Mr. Gaurav Goel	Food Computing Research Opportunities Using AI and ML	Springer Book Chapter	978-3-031-229-596	Gaurav Goel	2023
16	Dr. Sukhpreet Kaur	Computation Offloading in Mobile Cloud Computing	Amazon KDP	978-935-759-885-9	Sukhpreet Kaur ,PravneetKaur	2023
17	Dr. Vikas Gupta	Investigation of Localization Error in Range Free Centroid and DV-Hop Based Localization Algorithms and Optimization Using PSO	Springer	978-981-16-6893-7	Vikas Gupta, Brahmjit Singh	2022

18	Dr. Manish	Chapter-11 Probabilistic Detection and Prevention of Corona virus Covid-19 using Smartphones	CRC Press	978-177-491-122-8	Manish	2022
19	Ms. RubalJeet	Artificial Intelligence for Accurate Analysis and Detection of Autism Spectrum Disorder	IGI Global	978-179-987-460-7	Rubaljeet Kaur, GarimaVerma	2021
20	Dr. Sukhpreet	Soft Computing Techniques for energy consumption and resource aware allocation on cloud:A progress and Systematic Review	Springer	978-3-030-75657-4	Sukhpreet Kaur, Yog esh Kumar, Sushil Kumar	2021
21	Dr. Manish Kumar	Voice assistant and chatbot:Hands on essentials on UI feature design development &test	CRC Press	978-100-31-2146-6	Manish Kumar	2021

22	Dr. Yogesh Kumar	An Improvised Model for Securing Cloud-Based E-Healthcare Systems	Springer	978-981-15-9897-5	Rashi Kohli, Anchal Garg, Phutela, Yogesh Kumar, Sanyam Jain	2021
23	Ms. Amandeep Kaur	Compression Technique for land data recording	Lambart Academic Publisher	978-3-659-57801-4	Amandeep Kaur	2019
24	Mr. Vijay Kumar Sinha	Fundamentals of C++ Programming	Lambert Academic Publishing	978-620-010-141-9	Vijay Kumar Sinha , Rubal Jeet, Meenakshi	2019
25	Mr. Vijay Kumar Sinha	Fundamentals of C Programming	Lambert Academic Publishing	978-620-011-470-9	Vijay Kumar Sinha , Rubal Jeet, Nisha Kumari	2019
26	Mr. Rupinder Singh	Principles of Network Security	Kindle Publication	978-107-089-730-1	Arwinder Kaur, Rupinder Singh	2019
27	Mr. Vijay Kumar Sinha	Programming for Problem Solving (UsingC)	Lambert Academic Publishing	978-620-011-464-8	Vijay Kumar Sinha, Rubaljeet, Meenakshi	2019
28	Mr. Vijay Kumar Sinha	Enhancement of Degraded Text Images & Performance Comparisons	Lambert Academic Publishing	978-613-9-99926-2	Vijay Kumar Sinha	2019

29	Mr. Vijay Kumar Sinha	Enhancement of Security in Iris Recognition System by Luster Detection	Lambert Academic Publishing	978-613-9-98958-4	Vijay Kumar Sinha	2019
30	Mr. Anuj Kumar Gupta	Enhancing of Security and Intelligence of IRIS Recognition System	Lambert Academic Publishing	978-613-9-98718-4	Anuj Kumar Gupta	2019
31	Mr. Vijay Kumar Sinha	Enhancing of security and intelligence of iris recognition system	Lambert Academic Publishing	978-613-9-98718-4	Vijay Kumar Sinha , Anuj Kumar Gupta	2018
32	Mr. Sunil Kumar Chawla	Segmentation and Normalization of Iris for Human Recognition	Lambert Academic Publishing	978-613-9-88876-4	Sunil Kumar Chawla	2018
33	Mr. Anuj Kumar Gupta	ACO Based Mobile Ad-Hoc Networks	Lambert Academic Publishing	978-613-9-87600-6	Anuj Kumar Gupta	2018
34	Mr. Rupinder Singh	Expertise Your C	Lambert Academic Publishing	978-613-984-102-8	Rupinder Singh	2018


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