



**NANDHA ENGINEERING COLLEGE**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**BOOKs PUBLISHED**

Sl. No.	Name of the teacher	Title of the book/chapters published	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher
1	Dr Devi PP Dr D Vanathi Dr R Joshitta Dr Jenifer Jothi Mary.A	Foundations of Data Science	2023-24	ISBN: 978-93-5577-722-5	Charulatha Publications
2	Dr D Vanathi Dr S Prabhu Dr S Karuppusamy Dr P Thirumoorthy	Artificial Intelligence Basics	2021-22	ISBN: 979-88-8733-307-6	Notion Press
3	Dr Rajaram Jatothu A Sireesha Dr D Vanathi Dr S Sangeetha	Fundamentals of Blockchain Technology	2021-22	ISBN: 978-93-5625-269-1	SIP International



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**BOOK CHAPTERS PUBLISHED**

Sl. No.	Name of the teacher	Title of the proceedings book/chapters published	Title of the Paper/Chapter	Year of publication	ISBN/ISSN number of the proceeding	Publisher
1	P. Sukumar, R.Murugasami, A.Raja, S.Sharmila	Computational Imaging and Analytics in Biomedical Engineering	Computer-Aided Automatic Detection and Diagnosis of cervical cancer by using Features Markers	2023-24	Hard ISBN: 9781774914717 E-Book ISBN: 9781032669687	Apple Academic Press Series on Digital Signal Processing, Computer Vision and Image Processing
2	P.Sobana	Artificial intelligence in Pharmaceutical Sciences	Artificial Intelligence in Pharmaceutical Healthcare	2023-24	ISBN: 9781032363868	CRC Press
3	P.Sobana	Artificial intelligence in Pharmaceutical Sciences	Role of Artificial Intelligence (AI) Drug Discovery and Development	2023-24	ISBN: 9781032363868	CRC Press
4	Anbarasu N. ,S. Karuppusamy, S. Prabhu and P. Sobana	Advanced Practical Approaches to Deepfake Detection and Applications	Experimental Work and Discussion of Results on Deepfakes in Stock Prices Using Sentiment Analysis and Machine Learning	2022-23	ISBN13: 9781668460603	IGI Global publisher of Timely Knowledge
5	A. Anisha Sanjeetha, R. Sivaraj and P. Uma	Advanced Practical Approaches to Deepfake Detection and Applications	An Overview of Available Deepfake Datasets in Neural Network-Based Soil and Weather Prediction Models for High Quality Crops	2022-23	ISBN13: 9781668460603	IGI Global publisher of Timely Knowledge
6	P. Boobalan, K. Gunasekar, P. Thirumoorthy, J. Senthil	Advanced Practical Approaches to Deepfake Detection and Applications	An Introduction to Deepfakes on Cryptographic Image Security	2022-23	ISBN13: 9781668460603	IGI Global publisher of Timely Knowledge
7	P. Sobana, S. Prabhu, S. Karuppusamy and N. Anbarasu	Advanced Practical Approaches to Deepfake Detection and Applications	Deepfakes on Smart Devices in Stock Price Prediction Using Machine Learning	2022-23	ISBN13: 9781668460603	IGI Global publisher of Timely Knowledge
8	N. Sridhar, K. Shanmugapriya and C. N. Marimuthu	Advanced Practical Approaches to Deepfake Detection and Applications	Machine Learning Algorithms to Detect Deepfakes Fine Tuned for Anomaly Detection of IoT	2022-23	ISBN13: 9781668460603	IGI Global publisher of Timely Knowledge

Sl. No.	Name of the teacher	Title of the proceedings book/chapters published	Title of the Paper/Chapter	Year of publication	ISBN/ISSN number of the proceeding	Publisher
9	K. Vinitha, P. Thirumorthy and S. Hemalatha	Advanced Practical Approaches to Deepfake Detection and Applications	Data Storage, Data Forwarding, Data Retrieval With Big Data Deepfakes in Secure Cloud Storage	2022-23	ISBN13: 9781668460603	IGI Global publisher of Timely Knowledge
10	L. Subhashini , S. Maheswari and S. Prabhu	Advanced Practical Approaches to Deepfake Detection and Applications	A Privacy Protection Method for Deepfake Hybrid Cloud Computing	2022-23	ISBN13: 9781668460603	IGI Global publisher of Timely Knowledge
11	S. Keerthana , P. Thirumorthy , S. Maheswari and S. Karuppusamy	Advanced Practical Approaches to Deepfake Detection and Applications	Deep Learning Algorithms in Cluster Analysis on an E-Learning System in Data Mining	2022-23	ISBN13: 9781668460603	IGI Global publisher of Timely Knowledge
12	E. Manimehalai , D. Vanathi and C. Navamani	Advanced Practical Approaches to Deepfake Detection and Applications	COVID-19 Diagnosis Using Transfer Learning Techniques and Applications on Chest X-Ray Images	2022-23	ISBN13: 9781668460603	IGI Global publisher of Timely Knowledge
13	J. Priyadharshini , E. Padma and S. Prabhadevi	Advanced Practical Approaches to Deepfake Detection and Applications	Features Manipulation of Classification and Recognition of Images Under Artificial Intelligence Using CNN Algorithm and LSTM	2022-23	ISBN13: 9781668460603	IGI Global publisher of Timely Knowledge
14	V. Gunasundhari , M. Parvathi and S. Prabhu	Advanced Practical Approaches to Deepfake Detection and Applications	Security Enhancement in Cloud Computing Using CBC Technique	2022-23	ISBN13: 9781668460603	IGI Global publisher of Timely Knowledge
15	P Sobana Dr S Prabhu Dr S Karuppusamy Dr P Thirumoorthy	Central Asian Journal of Theoretical And Applied Sciences	Forecasting Stock Price Using Multiple Regression in Machine Learning	2021-22	ISSN: 2660-5317	Central Asian Studies
16	P Poomani Dr P Thirumoorthy	Central Asian Journal of Theoretical And Applied Sciences	Cognitive Radio Networks with Flexible Channel Cooperation in Resource Allocation	2021-22	ISSN: 2660-5317	Central Asian Studies
17	P Poomani Dr P Thirumoorthy	Central Asian Journal of Theoretical And Applied Sciences	Efficient Resource Allocation by Sub Channel Assignment in Cognitive Radio Networks	2021-22	ISSN: 2660-5317	Central Asian Studies