



# Hindusthan College of Engineering and Technology

Approved by AICTE, New Delhi and Accredited with 'A' Grade by NAAC

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Valley Campus, Pollachi Highway, Coimbatore-641032



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Faculty Books and Chapters Published

S. No.	Name of the Teacher	Title of the Book/Chapters Published	Title of the Chapter	Year of Publication	ISSN Number of the Proceeding	Name of the Publisher
1.	Dr Vijayalakshmi P	Fiber Optic Communication	-	2022	978-93-94002-70-8	Scientific International Publishing House
2.	Dr Poonguzhali P K	A Practical Approach of Computer Networking-Problems and Solutions	-	2022	978-93-5625-069-7	Scientific International Publishing House
3.	Dr.Manjula T	Digital Signal Processing	-	2022	978-93-55-15-464-4	Book Rivers
4.	Dr Poonguzhali P K	Machine Learning And Deep Learning Techniques For Medical Science	Chapter 4 Neural Networks for Medical Image Computing	2022	978-1-003-21749-7	CRC Press Taylor and Francis Group
5.	Dr Poonguzhali P K, Ms. Nivethitha T	Engineering Pedagogy Towards Outcome-Based Education	Chapter 7 Significance of Advanced Pedagogies, Approaches, and Frameworks in Outcome-Based Education	2022	978-0-367-53743-2	CRC Press Taylor and Francis Group



## Hindusthan College of Engineering and Technology

Approved by AICTE, New Delhi and Accredited with 'A' Grade by NAAC

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Valley Campus, Pollachi Highway, Coimbatore-641032



6.	Dr Poonguzhali P K, Ms. Nivethitha T	Industrial Automation and Robotics Techniques and Applications	Chapter 9: Robotics Applications and Its Impact in the Global Agricultural Sectors for Advancing Automation	2022	978-0-367-48797-3	CRC Press Taylor and Francis Group
7.	Dr Poonguzhali P K, Ms. Nivethitha T	Design Thinking- A Forefront Insight	Chapter 7: Design Thinking – Networking and Telecommunications a Review	2022	978-1-032-03905-3	CRC Press Taylor and Francis Group
8.	Dr Ramya J	Industrial Automation and Robotics Techniques and Applications:	Chapter 6 Machine Learning Algorithms in Intellectual Robotics	2022	978-0-367-48797-3	CRC Press Taylor and Francis Group
9.	Dr Udhyakumar A	Engineering Pedagogy Towards Outcome-Based	Chapter 2: Life-Long Learning Practices A Conceptual Analysis	2022	978-0-367-53743-2	CRC Press Taylor and Francis Group
10.	Dr.Sabitha R	Resource Management Framework Using Deep Neural Networks in Multi-Cloud Environment	Chapter 5: Operationalizing Multi Cloud Environments Technologies Tools and Use Cases	2022	978-3-030-74402-1	EAI/Springer Innovations in Communication and Computing
11.	Dr.Baskar D	Computational Intelligence and its Applications in Health Care	Chapter 11: Alzheimer's disease Classification using deep learning	2021	978-0-12-820604	Elsevier- Academic press



## Hindusthan College of Engineering and Technology

Approved by AICTE, New Delhi and Accredited with 'A' Grade by NAAC  
(An Autonomous Institution, Affiliated to Anna University, Chennai)  
Valley Campus, Pollachi Highway, Coimbatore-641032



12.	Dr. Annadurai S Dr.Rajeswari Geetha P Ms..Nivethitha T	Electronic Devices and Electrical Circuits	-	2020	978-93-539-4052-2	Pearson India Publication
13.	Dr.Sabitha R	Challenges and Impacts of COVID 19-Experts Purview	COVID – 19: Impacts, Responses and Lessons for Building Resilience in Seafood systems	2020	978-93-89105-54-4	CiiT International Journal