NEW HORIZON COLLEGE OF ENGINEERING

Department of Electrical and Electronics Engineering

Book/Book Chapter Publications

Sl.No	Name of the faculty	Title of the book	Title of the chapters published	Year of publication	ISBN	Name of the publisher	Weblink
1.	Dr. Vinoth Kumar K	Smart Grids for Smart Cities: Volume 1	Implementation of Savonius Blad Wind Tree Structure by Super Lift Luo Converter for Smart Grid Applications and Benefits to Smart City	2023	978-111987210-8 978-111987207-8	Wiley	https://doi.org/10.1002/9781119872108.ch8
2.	Ms. Anitha A	Advances in Cognitive Science and Communications	Bi-directional DC-DC Converters and Energy Storage Systems of DVR—An Analysis	2023	978-981-19-8086-2	Springer	https://doi.org/10.1007/978-981-19-8086-2_46
3.	Dr. Vinoth Kumar K	Handbook of Research on Evolving Designs and Innovation in ICT and Intelligent Systems for Real-World Applications	Intelligent Systems in Latest DFA Compression Methods for DPC	2022	9781799897958	IGI Global	https://doi.org/10.4018/978-1-7998-9795-8.ch009

4.	Dr. Mahesh M Dr. Vinoth Kumar K	Smart Buildings Digitalization IoT and Energy Efficient Smart Buildings Architecture and Applications	Enabling Technologies for Smart Buildings High Power Density Power Electronic Converters	2022	9781003201069	CRC Press, Taylor and Francis	https://doi.org/10.1201/9781003201069
5.	Dr. Gunapriya B Dr. Singaravelan A Dr. Mahesh M	Artificial Intelligence and Internet of Things for Renewable Energy Systems	An IoT-based approach for efficient home automation	2022	9783110714043	De Gruyter	https://doi.org/10.1515/9783110714043-003
6.	Dr. Vinoth Kumar K Dr. Mahesh M	Basic Electrical and Electronics Engineering	-	2022	978-9354643194	Wiley Publishers, New Delhi	https://www.wileyindia.com/electrical-electronicsinstrumentationengineering/basicelectrical-and-electronicsengineering-2ed.html
7.	Dr. Vinoth Kumar K	EAI/Springer Innovations in Communication and Computing	Artificial Intelligence-Based Energy Management and Real-Time Optimization in Electric and Hybrid Electric Vehicles	2022	978-3-030-85423-2	Springer	https://doi.org/10.1007/978-3-030-85424-9_12
8.	Dr Singaravelan A Dr. Gunapriya B	Lecture Notes on Data Engineering and Communications Technologies	Sensorless Speed Control of BLDC Motor for EV Applications	2022	978-981-16-6604-9	Springer	https://doi.org/10.1007/978-981-16-6605-6_26
9.	Dr. Gunapriya B Dr. Sujitha S	Lecture Notes on Data Engineering and Communications Technologies	Smart Home Technologies Toward SMART (Specific, Measurable, Achievable, Realistic, and Timely) Outlook	2022	978-981-19-2068-4	Springer	https://doi.org/10.1007/978-981-19-2069-1_49

10.	Dr. Vinoth Kumar K	Design, Applications, and Maintenance of Cyber-Physical Systems	Network intrusion detection system in latest DFA compression methods for deep packet scruting	2021	9781799867210	IGI Global	https://doi.org/10.4018 /978-1-7998-6721-0.ch010
11.	Dr. Vinoth Kumar K	Model Based Design of Power Electronics Multi-Paradigm Numerical Computing	-	2020	978-620-2-68039-4	LAMBERT Academic Publishing Mauritius	https://www.lappublishing. com/catalog/details/store/tr/ book/978-620-2-68039-4 /model-based-design- ofpower-electronics