



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

List of book/book chapter published by the Faculty in the Academic year 2024-2025

Sl. No.	Name of the teacher	Book/ Book Chapter	Title of the book chapter	Title of the book	Year of publication	ISBN/ISSN number of the proceeding	Whether at the time of publication affiliating institutions was same (Yes/No)	Name of the publisher
1	Dr.R.Karthickmanoj	Book chapter	Investigation of Banana Plant Disease Detection Using Transfer Learning	Smart Agritech: Robotics, AI, and Internet of Things (IoT) in Agriculture	2024	9781394302956	yes	wiley
2	Dr.T.SASILATHA	Book chapter	Investigation of Banana Plant Disease Detection Using Transfer Learning	Smart Agritech: Robotics, AI, and Internet of Things (IoT) in Agriculture	2024	9781394302956	yes	wiley
3	Padmashini, R. K., Lakshmi, D., Rajeshkumar, J. N., Sivaraman, P., Rajasree, R., & Chenniappan, S. .	Book chapter	Energy management for distributed energy storage system.	Distributed Energy Storage Systems for Digital Power Systems (pp. 183-199)	2025	https://doi.org/10.1016/B978-0-443-22013-5.00003-4	Yes	Elsevier
4	Lakshmi, D., Padmashini, R. K., Ezhilarasi, G., Sivaraman, P., Zahira, R., & Chenniappan, S.	Book chapter	Introduction for the need of DER's and DESS for digital distribution systems.	Distributed Energy Storage Systems for Digital Power Systems (pp. 35-51)	2025	https://doi.org/10.1016/B978-0-443-22013-5.00007-1	Yes	Elsevier

5	Rajesh K. Padmashini, Dhandapani Lakshmi, Rajasekharan Rajasree, Janarthanan N. Rajesh Kumar, Rahiman Zahira, Palanisamy Sivaraman, Chenniappan Sharmeela	Book chapter	IoT -Based Monitoring for Substations	IoT for Smart Grid: Revolutionizing Electrical Engineering	2025	https://doi.org/10.1002/9781394279401.ch9	yes	wiley
6	Dhandapani Lakshmi, Rahiman Zahira, Vallikanu Pramila, Gunasekaran Ezhilarasi, Rajesh K. Padmashini, Palanisamy Sivaraman, Chenniappan Sharmeela	Book chapter	IoT in Power Electronics: Transforming the Future of Energy Management	IoT for Smart Grid: Revolutionizing Electrical Engineering	2025	https://doi.org/10.1002/9781394279401.ch6	yes	wiley
7	R.Karthick Manoj S.Aasha Nandhini D.Lakshmi R.Rajasree R.K.Padmashini	Book	Computer Networks	Computer Networks	2024	978-93-90188-42-0	Yes	ESN Publications