

Government College of Engineering, Salem- 11

(An Autonomous Institution affiliated to Anna University, Chennai)



SELF-STUDY REPORT



CRITERION 3

3.4.4 The Number of books and chapters in edited volumes published per teacher during the last five years

(Submitted to National Assessment and Accreditation Council)

Self Declaration

This is to certify that the supporting documents for this metric exceed the 5MB upload limit. Therefore, links to sample documents and some samples are provided in the following pages. Any/all Supporting documents will be provided, if required. All links, documents and images are verified and authenticated.



IQAC – Chairperson

**Internal Quality Assurance Cell
Govt. College of Engineering
Salem - 636 011.**

**3.4.4 Number of books and chapters in edited volumes published per teacher during the last five years
(from 2018-2019 to 2022-2023)**

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
1	S. Ganesan ., M. Abirami ., J. Rameshkumar ., S. Subramanian .,	Swarm Intelligence -Volume 2: Innovation, new algorithms and methods,2018	Real-coded grey wolf optimisation algorithm for progressive thermal power system unit commitment	2018	9781785616303	YES	Institution of Engineering and Technology
2	Ganesan Sivarajan, Abirami Manoharan, and Subramanian S	Electric Power Flow Analysis	Electric Power Flow Analysis	2018	978-6202071598	YES	LAP LAMBERT Academic Publishing
3	S. Subramanian, S. Ganesan and M. Hariprasath	Computer Aided State Estimation of Electric Power Networks: An Introduction to Data Attacks, Cloud Computing and Distribution System State Estimation	Computer Aided State Estimation of Electric Power Networks: An Introduction to Data Attacks, Cloud Computing and Distribution System State Estimation	2019	9781627347495	YES	BrownWalker Press
4	Ganesan Sivarajan, N. Jayakumar, P. Balachandar and S. Subramanian	Research Advancements in Smart Technology, Optimization, and Renewable Energy	Multi-Fuel Power Dispatch Considering Prohibited Operating Zones and Tie-Line Flow Limits using Ant Lion Optimizer	2020	9781799839712	YES	IGI GLOBAL
5	H Singh, A Ambikapathy, K Logavani, GA Prasad, S Thangavel	Electric Vehicles Modern Technologies and Trends	Plug-In Hybrid Electric Vehicles (PHEVs)	2020	9789811592515	YES	Springer Singapore
6	A Faraz, A Ambikapathy, S Thangavel, K Logavani, GA Prasad	Electric Vehicles: Modern Technologies and Trends	Battery Electric Vehicles (BEVs)	2020	9789811592515	YES	Springer Singapore
7	Ahmad Faraz ., A. Ambikapathy ., Saravanan Thangavel ., K. Logavani ., G. Arun Prasad .,	Electric Vehicles: Modern Technologies and Trends	Battery Electric Vehicles (BEVs)	2020	9789811592515	YES	Springer Singapore
8	Himanshu Singh ., A. Ambikapathy ., K. Logavani ., G. Arun Prasad ., Saravanan Thangavel .,	Electric Vehicles Modern Technologies and Trends	Plug-In Hybrid Electric Vehicles (PHEVs)	2020	9789811592515	YES	Springer Singapore
9	U. Elaiyarasan, V. Sathesh Kumar , C. Senthilkumar , V. Navaneethakrishnan	EMERGING TRENDS IN ENGINEERING AND TECHNOLOGY	On the Assessment of Microhardness and Microstructure of Electro Discharge Coated Magnesium Alloy	2020	9.78939E+12	YES	MANGLAM PUBLICATIONS
10	Hariprasath Manoharan ., Ganesan Sivarajan ., Subramanian Srikrishna .,	Sensor Data Analysis and Management: The Role of Deep Learning	Deep Learning Analysis of Location Sensor Data for Human-Activity Recognition	2021	9781119682455	YES	Wiley-IEEE Press
11	K. Logavani ., A. Ambikapathy ., G. Arun Prasad ., Ahmad Faraz ., Himanshu singh .,	Electric Vehicles Modern Technologies and Trends	Smart Grid, V2G and Renewable Integration	2021	9789811592515	YES	Springer Singapore
12	R. Shobana .,	Reinvention of Health Applications with IoT Challenges and Solutions	Reinvention of Health Applications with IoT Challenges and Solutions	2022	9780367763343	YES	CRC Press
13	Ganapathy Ram B, Naveena A Priyadharsini, S Tamil Selvi, Dhinakaran M, Pandi Malaisamy, Senthil Madasamy,	Handbook of Research on Design, Deployment, Automation, and Testing Strategies for 6G Mobile Core Network	Chapter 7: Cell-Free Cooperative Non-Orthogonal Multiple Access for 6G Wireless Systems	2022	9781799896388	YES	IGI GLOBAL
14	Deepthi P.;Priadarsini M.;Dhinakaran M.	Internet of Everything: Smart Sensing Technologies	An architectural framework for IoT-based smart farming	2022	9781685078652	YES	Nova Science Publishers, Inc

15	Thilagham, K. T., & Muthukumaran, S	Engineering Principles - Welding and Residual Stresses	Center Stir Zone Investigations of Dissimilar AA6082, AA2014 and AA7075 Welds	2022	9781803553863	YES	IntechOpen
16	Dr. M. Dhinakaran, P. Deepthi, Dr. Velmurugan Sellappan, Dr. Gurpreet Singh	Fundamentals of Internet of Things	Fundamentals of Internet of Things	2022	9789356254152	YES	Nova Science Publishers, Inc.
17	Mrs.M.Priadarsini, Dr.M.Dhinakaran	Internet of Everything: Smart Sensing Technologies	An architectural framework for IoT-based smart farming	2022	9781685078652	YES	Nova Science Publishers, Inc
18	Dr. M. Dhinakaran, P. Deepthi, Dr. S. Shyni Carmel Mary, Mr. Arpit Namdev	Machine Learning For Absolute Beginners	Machine Learning For Absolute Beginners	2023	9789355359933	YES	BooksclinicPublishing


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