



GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

KUMBAKONAM – 612 001

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IV Cycle of Accreditation

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CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.4.RESEARCH PUBLICATION AND AWARDS

3.4.4 Number of Books and Chapters in Edited Volumes Published per Teacher

COVER PAGE FOR BOOK

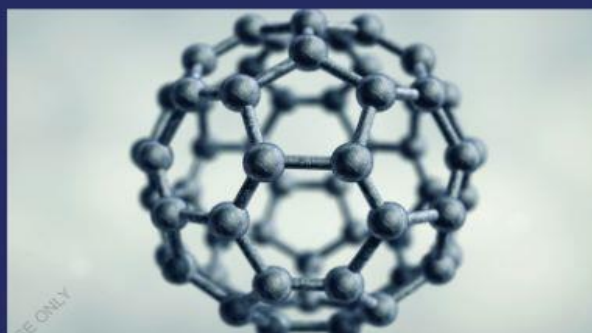
Dr.M.Govindarajan

**“Electrocatalysts for Advanced
Energy”**



Name of the teacher	Title of the book published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
R. Nivetha, K. Gopinath & M. Govindarajan	Electrocatalysts for Advanced energy	2020	978-620-2-67343-3	Yes	Lap LAMBERT Academic publishing

This book comprises a collection of chapters on Electrocatalyst and Electrode materials for the advanced electrochemical applications. The book looks at ways to establish inexpensively, replace of noble metal for electrochemical energy conversion and storage. The contents of this book will prove useful for researchers and professionals working in the field of Electrochemistry. The book contains six chapters. Chapter 1 provides a general introduction. In chapter 2, described the basics of the electrochemical water splitting mechanism of electrochemical hydrogen evolution reaction. Chapter 3 described the Electrocatalyst. The metal-organic framework was described in chapter 4. Chapter 5 discussed the potential application of the metal-organic framework. Finally, chapter 6 concludes the electrocatalyst and electrode materials for energy conversion and storage applications.



Dr. R. Nivetha working as a Project staff, Center for Nanotechnology Research, VIT, Vellore, Tamil Nadu, India. Dr. K. Gopinath is serving as a postdoctoral fellow at the School of Materials and Energy, Southwest University, P.R. China 400715. Dr. M. Govindarajan serves as an Assistant Professor of Zoology, Annamalai University, Tamil Nadu, India.



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Electrocatalysts for Advanced Energy



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