Book / Book Chapter Published Details:

Academic Year 2022 – 2023

S.No	Title of the Chapter	First Author & Affiliation	Remaining Authors & Affiliation as per the order in papers	Title of the Book	Publisher	Page No Month & Year	Indexing Scopus / WoS	Online Link of the chapter
1	Graphene Derived Electrode Materials for Microbial Fuel Cell	K.Senthilkumar & Kongu Engineering College, Erode	**L.Dharani** Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore J.Jayabharathi M. Naveenkumar – Department of Civil Engineering, IFET College of	Microbial Fuel Cells for Environmental Remediation, Sustainable Materials and Technology	Springer	119 October 2022	Scopus	https://doi.org/10.1007/978-981-19-2681-5_7

			Engineering, Villupuram N.Pooja - Department of Chemical Engineering, Central Institute of Petrochmicals Engineering Technology. Chennai.					
2	Shell and tube heat exchangers in the food industry	Pooja Nandakumar Department of Plastics Technology, Central Institute of Petrochmicals Engineering Technology. Chennai.	**Dharani** Loganathan, Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore. Deepapriya Natarajan, Department of Chemical Engineering, Sri Venkateswara College of	Thermal processing of food products by steam and hot water	Elsevier	Nov 2022	Scopus	https://doi.org/10.1016/B978-0-12-818616-9.00004-37

			Engineering, Sriperumbudur. Periyasamy Manikandan, Department of Chemical Engineering, Kongu Engineering College, Erode					
3	Natural materials as adsorbents for water purification	Muthamilselvi Ponnuchamy Department of Chemical Engineering, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India	**Sivasamy Balasubramanian**, Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India Ashish Kapoor, Department of Chemical Engineering, Harcourt Butler Technical University, Kanpur, Uttar Pradesh, India	Green Sustainable Process for Chemical and Environmental Engineering and Science	Elsevier	2023, Pages 123-144	Scopus	**https://doi.org/10.1016/B978-0-323-95167-8.00001-6**

			Sivaraman Prabhakar, Department of Chemical Engineering, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India					
4.	The Role of Microbes in the Degradation of Plastics and Directions Toward Greener Bioplastic	**A.K. Priya**, Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India	D. Balaji, Department of Mechanical Engineering, KPR Institute of Engineering and Technology, Coimbatore, India J. Vijayaraghavan, Department of Civil Engineering, University College of Engineering, Ramanathapuram, Tamil Nadu, India J. Thivya,	Environmental Management Technologies	Taylor & Francis Group	182-201 ,20 pages 2022	Scopus	**http://dx.doi.org/10.1201/9781003239956-11**

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