

**List of Book Chapter Publications**

**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	<p><b>L.Dharani</b> Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore</p> <p>J.Jayabharathi M.Naveenkumar – Department of Civil Engineering, IFET College of Engineering, Villupuram</p> <p>N.Pooja - Department of Chemical Engineering, Central Institute of Petrochemicals</p>	Microbial Fuel Cells for Environmental Remediation, Sustainable Materials and Technology	Springer	119 October 2022	Scopus	<a href="https://doi.org/10.1007/978-981-19-2681-5_7">https://doi.org/10.1007/978-981-19-2681-5_7</a>

			Engineering Technology. Chennai.					
2	Shell and tube heat exchangers in the food industry	Pooja Nandakumar Department of Plastics Technology, Central Institute of Petrochemicals Engineering Technology. Chennai.	<b>Dharani</b> Loganathan, Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore. Deepapriya Natarajan, Department of Chemical Engineering, Sri Venkateswara College of Engineering, Sriperumbudur. Periyasamy Manikandan, Department of Chemical Engineering, Kongu Engineering College, Erode	Thermal processing of food products by steam and hot water	Elsevier	Nov 2022	Scopus	<a href="https://doi.org/10.1016/B978-0-12-818616-9.00004-37">https://doi.org/10.1016/B978-0-12-818616-9.00004-37</a>
3	Natural materials as adsorbents for water purification	Muthamilselvi Ponnuchamy Department of	<b>Sivasamy Balasubramanian,</b> Department of	Green Sustainable Process for	Elsevier	2023, Pages 123-144	Scopus	<a href="https://doi.org/10.1016/B978-0-323-95167-">https://doi.org/10.1016/B978-0-323-95167-</a>

		Chemical Engineering, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India	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 Sivaraman Prabhakar, Department of Chemical Engineering, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India	Chemical and Environmental Engineering and Science				8.00001-6
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	D. Balaji, Department of Mechanical Engineering, KPR Institute of Engineering and Technology,	Environmental Management Technologies	Taylor & Francis Group	182-201, 20 pages 2022	Scopus	<a href="http://dx.doi.org/10.1201/9781003239956-11">http://dx.doi.org/10.1201/9781003239956-11</a>

		Technology, Coimbatore, Tamil Nadu, India	Coimbatore, India J. Vijayaraghavan, Department of Civil Engineering, University College of Engineering, Ramanathapuram, Tamil Nadu, India J. Thivya, Department of Civil Engineering, University College of Engineering, Dindigul, Tamil Nadu, India R. Anand Department of Electrical and Electronics Engineering. Nehru Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India					
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