### **Department of Chemical Engineering**

KPR Institute of Engineering and Technology



13.05.2024

#### LIST OF BOOK CHAPTER PUBLICATIONS

#### Academic Year 2023 - 2024

S.No	Author	Title of the Chapter	Title of the Book	Publisher	Page No Month & Year	Indexing Scopus/ WoS	Online Link of the chapter
1	L. Dharani	Cyber-Physical Systems in Agriculture: Applications, Challenges, and Future Perspectives	Contemporary Developments in Agricultural Cyber-Physical Systems	IGI Global	August 2023	Scopus	igi- global.com/cha pter/cyber- physical- systems-in- agriculture/327 596
2	Dr. S. Karunakaran	Myconanotechnolog y in agricultural and veterinary sector	Myconanotechn ology and application of nanoparticles in biology	Elsevier	August 2023	Scopus	https://doi.org/ 10.1016/B978- 0-443-15262- 7.00002-4
3	Dr. R.Umapriya	Humanism Learning Theory	Engineering Minds: Navigating the Intersection of Pedagogy and Engineering Through Learning Theories	The Charulatha Publications	August 2023	No	Yet to update

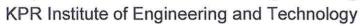
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4	Dr. R.Umapriya	Situation Learning Theory	Engineering Minds: Navigating the Intersection of Pedagogy and Engineering Through Learning Theories	The Charulatha Publications	August 2023	No	Yet to update
5	Rohan J	Learning Theories in Education: A Comprehensive Overview of Key Theoretical Perspectives	Engineering Minds: Navigating the Intersection of Pedagogy and Engineering Through Learning Theories	The Charulatha Publications	August 2023	No	Yet to update
6	Rohan J	Constructivism learning theory	Engineering Minds: Navigating the Intersection of Pedagogy and Engineering Through Learning Theories	The Charulatha Publications	August 2023	No	Yet to update
7	Dr. A. K. Priya	Effect of Nitrogen, Salinity, and Light Intensity on the	Fatty Acids from Marine Organisms	MDPI	October 2023	Scopus	https://www.m dpi.com/books /book/8099-

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		Biomass Composition of Nephroselmis sp.: Optimization of Lipids Accumulation (Including EPA)					fatty-acids- from-marine- organisms
8	L Dharani	Microbes and wastewater treatment	Clean technologies toward a sustainable future	IWA	Decem ber 2023	Scopus	https://iwaponl ine.com/ebook s/book/884/cha pter/3496133/ Microbes-and- wastewater- treatment
9	Dr. A. K. Priya	Microplastic and Nanoplastic: A Threat to the Environment	Management of Micro and Nano-plastics in Soil and Biosolids	Springer	March 2024	Scopus	https://link.spri nger.com/chap ter/10.1007/97 8-3-031- 51967-3 1
10	L Dharani	Generations of Biofuel	Emerging Sustainable Technologies for Biofuel Production	Springer	March 2024	Scopus	https://link.spri nger.com/chap ter/10.1007/97 8-3-031- 52167-6_2

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