

List of Book Chapter Publications

Academic Year 2023 – 2024

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	Cyber-Physical Systems in Agriculture: Applications, Challenges, and Future Perspectives	Sasikala Chinnasamy KPR Institute of Engineering and Technology, Coimbatore, India	L. Dharani KPR Institute of Engineering and Technology, Coimbatore, India S. Thanuja KPR Institute of Engineering and Technology, Coimbatore, India P. S. Kavishree KPR Institute of Engineering and Technology, Coimbatore, India	Contemporary Developments in Agricultural Cyber-Physical Systems	IGI Global	August 2023	Scopus	igi-global.com/chapter/cyber-physical-systems-in-agriculture/327596
2	Myconanotechnology in agricultural and veterinary sector	N. Prabhu	M. Atchaya, R. Kiruthikadevi, A.V. Rithika, S. Jeevitha and S. Karunakaran	Myconanotechnology and application of nanoparticles in biology	Elsevier	August 2023	Scopus	https://doi.org/10.1016/B978-0-443-15262-7.00002-4
3	Humanism Learning Theory	R.Umapriya KPR Institute of Engineering and Technology,	L. Dharani KPR Institute of Engineering and Technology,	Engineering Minds: Navigating the Intersection of	The Charulatha Publications	August 2023	No	Yet to update

		Coimbatore, India	Coimbatore, India	Pedagogy and Engineering Through Learning Theories				
4	Situation Learning Theory	R.Umapriya KPR Institute of Engineering and Technology, Coimbatore, India	L. Dharani KPR Institute of Engineering and Technology, Coimbatore, India	Engineering Minds: Navigating the Intersection of Pedagogy and Engineering Through Learning Theories	The Charulatha Publications	August 2023	No	Yet to update
5	Learning Theories in Education: A Comprehensive Overview of Key Theoretical Perspectives	Rohan J KPR Institute of Engineering and Technology, Coimbatore, India		Engineering Minds: Navigating the Intersection of Pedagogy and Engineering Through Learning Theories	The Charulatha Publications	August 2023	No	Yet to update
6	Constructivism learning theory	Rohan J KPR Institute of Engineering and Technology, Coimbatore, India		Engineering Minds: Navigating the Intersection of Pedagogy and Engineering Through Learning Theories	The Charulatha Publications	August 2023	No	Yet to update
7	Effect of Nitrogen,	Savvas Giannis	Konstantina	Fatty Acids	MDPI	October	Scopus	https://www.m

	Salinity, and Light Intensity on the Biomass Composition of Nephroselmis sp.: Optimization of Lipids Accumulation (Including EPA)	Mastropetros University of Patras, Greece	Tsigkou, University of Patras, Greece Yannis Cladas, University of Patras, Greece ArunKumar Priya KPR Institute of Engineering and Technology, Coimbatore, India Michael Kornaros University of Patras, Greece	from Marine Organisms		2023		dpi.com/books/book/8099-fatty-acids-from-marine-organisms
8	Microbes and wastewater treatment	L Dharani KPR Institute of Engineering and Technology, Coimbatore, India	Umapriya, Rohan, Surendaran, Deepak, KPR Institute of Engineering and Technology, Coimbatore, India	Clean technologies toward a sustainable future	IWA	December 2023	Scopus	https://iwaponline.com/ebooks/book/884/chapter/3496133/Microbes-and-wastewater-treatment
9	Microplastic and Nanoplastic: Threat to the Environment	A. K. Priya KPR Institute of Engineering and Technology, Coimbatore, India	M. Muruganandam Project Prioritization, Monitoring & Evaluation, and Knowledge Management Unit, ICAR-Indian Institute of Soil &	Management of Micro and Nano-plastics in Soil and Biosolids	Springer	March 2024	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-51967-3_1

			Water Conservation (ICAR-IISWC), Dehradun, Uttarakhand, India M. Nithya Department of Civil Engineering, Yashoda Technical Campus, Wadhe, Maharashtra, India					
10	Generations Biofuel	of	L Dharani KPR Institute of Engineering and Technology, Coimbatore, India	R. Umapriya, N. Arunkumar, M. Gokila & R. Sakthi Shankar KPR Institute of Engineering and Technology, Coimbatore, India	Emerging Sustainable Technologies for Biofuel Production	Springer	March 2024	Scopus https://link.springer.com/chapter/10.1007/978-3-031-52167-6_2

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