

K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215
(Autonomous)

BOOK / BOOK CHAPTER PUBLICATIONS CY:2024

S.No	Name of Faculty	Author position order	Book / Book Chapter	Title of the Book	Publisher's Name	ISBN /DOI	Year of Publication
AUTO							
1	Mr. M.Syed Thasthagir	2	Book	Composite Materials: Design and Applications	Cosmas Scientific Publications	ISBN 978-93-6096-005-6,	2024
2	Mr.S.Soundararajan	1	Book	Advanced Non-Traditional Machining Techniques	Cosmas Scientific Publications	ISBN 978-93-6096-358-3,	2024
BME							
1	T.Yamunarani Thanikachalam	2	Book Chapter	Human-Machine Collaboration and Emotional Intelligence in Industry 5.0	IGI Global	979-8-3693-6806-0	Jul 2024
2	R. Prabu	3	Book Chapter	Trends and Applications in Mechanical Engineering, Composite Materials and Smart Manufacturing	IGI Global	9798369319666	Aug 2024
3	A Murugesan	2	Book Chapter	Enhancing Desalination and Liquid Desiccant Regeneration Efficiency Through a Hybrid Solar Still: A Comparative Study With Steel Scrap Thermal Storage	IGI Global	9798369327982	Aug 2024
CIVIL							
1	Dr.P.Prashanthni	1	Book	Advanced geotechnical engineering site characterization and soil improvement	Cosmas Scientific Publications	978-93-6096-811-3	May 2024

S.No	Name of Faculty	Author position order	Book / Book Chapter	Title of the Book	Publisher's Name	ISBN /DOI	Year of Publication
CSE							
1	V.Prakasham	1	Book	Machine Learning Techniques	Charulatha Publications	978-93-6260-245-9	Jun 2024
2	K.Vinoth	1	Book	Machine Learning Techniques	Charulatha Publications	978-93-6260-245-9	Jun 2024
3	D. Sathiya	2	Book Chapter	Chapter 5 - Self-powered wearable implantable smart sensor and medical electronics based on nanogenerator	Science Direct	https://doi.org/10.1016/B978-0-443-13792-1.00011-0	Sep 2024
4	Dr. V. Vennila	4	Book	The Architecture of Complex Networks	NTL Publication	978-81-19762-71-2	Oct 2024
5	V. Sharmila,	1	Book	Challenges in Information, Communication and Computing Technology	CRC Press	9781032901664	Nov 2024
CSE-CS							
1	K.Shanmuga priya	2	Book	IOT Based Syatem Design	Charulatha Publication	13:978-93-6260-460-6	Nov 24
2	K.Sudha	3	Book	Cloud Service Management	Charulatha Publication	13:978-93-6260-894-9	Oct 24
CSD							
1	Dr.Malatthi Sivasundaram	1	Book	Machine Learning Techniques	Charulatha Publications	978-93-6260-245-9	Jun 2024
2.	Dr.Malatthi Si-vasundaram	4	Book Chapter	AI in Neurodegeneration Prediction: Exploring Advanced Approaches for Alzheimer's Disease Progression	IGI-GLOBAL	10.4018/979-8-3693-3605-2-1	Jun 2024
EEE							

S.No	Name of Faculty	Author position order	Book / Book Chapter	Title of the Book	Publisher's Name	ISBN /DOI	Year of Publication
1	P. Veena	3	Book Chapter	Introduction to Functional Nanomaterials Chapter : Exploring Semiconductor Device Theory and Real-World Applications with a Focus on Advancements in Energy Storage	CRC Press	10.1201/9781003495437-13	Nov 2024
2	R. Jeyabharath	1	Book Chapter	Introduction to Functional Nanomaterials Chapter : The Evolution of Energy Storage Devices	CRC Press	10.1201/9781003495437-5	Nov 2024
3	S.Senthil Kumar	2	Book Chapter	Chapter 5: Cloud Computing Machine Learning in the Green Power Sector: Data management and Analysis for Sustainable Energy	IGI Global Publisher	10.4018/979-8-3693-1694-8.ch009	Aug 2024
4	B. Yuvarani	5	Book	Electromagnetic Fields	Deccan International Academic Publishers	978-81-979284-1-3	Sep 2024
IT							
1	E.Madhorubagan	1	Book	Cloud Service Management	Charulatha Publication	978-93-660-8949	2024
MATHS							
1.	Venkatesan S	2	Book	Operations Research - Linear Programming Problem	Haiyagrev Publications	978-81-967307-2-7	April 2024
2.	A.Latha	1	Book	Numerical Methods	Techno Publishers	978-81-955080-2-0	April 2024
3.	S.Dhavamani	4	Book	Transforms and Partial Differential Equations	Charulatha Publications	978-93-6260-472-9	April 2024

S.No	Name of Faculty	Author position order	Book / Book Chapter	Title of the Book	Publisher's Name	ISBN /DOI	Year of Publication
ENGLISH							
1.	Mr. Madhan S	1	Book	Professional Communication	VK Publications	978-81-9807122-4	Oct 2024
2.	Mr. Madhan S	1	Book Chapter	Contemporary World Literature - A Global Perspective	Blue Ava Ford Publications	9789393376817	Sep 2024
SFE							
1.	Dr. M. Prabu	1	Book Chapter	Friction Stir Spot Welding Metallurgical, Mechanical and Tribological Properties	CRC Press Taylor & Francis Group	9781032558004	Jul 2024
CHEMISTRY							
1.	Dr.B.Murugesan	2	Book	Bio Inorganic Chemistry	Infinite Research	978-81-981394-2-9	Nov 2024
2.	Mr. R. Veerasamy	3	Book	Bio Inorganic Chemistry	Infinite Research	978-81-981394-2-9	Nov 2024
3.	Dr. P.Jayanthi	4	Book chapter	Enhancing Mechanical Properties of PLA/Kevlar Fiber Composites with ZrO2 Nanorod Interface Modification for High-Performance Applications	Springer Nature	10.1016/j.diamond.2024.111361	Oct 2024
4.	Dr. M. Rajasekar	4	Book	Bio Inorganic Chemistry	Infinite Research	978-81-981394-2-9	Nov 2024
MECH							
1.	P.Jagadeesh	3	Book chapter	Recent Developments in Multidisciplinary Science and Technological Fields	Scientific Research Reports	10.5281/zenodo.14011961	Oct 2024
2.	P.Jagadeesh	2	Book	Emerging Trends in	Scientific Research	10.5281/zenodo.	Dec 2024

S.No	Name of Faculty	Author position order	Book / Book Chapter	Title of the Book	Publisher's Name	ISBN /DOI	Year of Publication
			chapter	Multidisciplinary Technology and Science	Reports	xxxx	


Director – R&D