

# K.S.RANGASAMY COLLEGE OF TECHNOLOGY

(Autonomous)

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## List of Book/ Book Chapter/ Editorial Publications

Calendar year: **2024**

S.No	Authors	Title	Source title	Vol.	Issue	S. Page	E. Page	Year
1	Ramyasri M.M.; Yoga M.; Tamilarasu P.; Raj M.; Maria Subiksha S.; Abhishek S.	<a href="#">Cardiovascular risk assessment with current machine learning methods and future integration of quantum networks</a>	Quantum Networks and Their Applications in AI			273	288	2024
2	Prabhuswamy M.; Tripathi R.; Vijayakumar M.; Thulasimani T.; Sundharesalingam P.; Sampath B.	<a href="#">A study on the complex nature of higher education leadership: An innovative approach</a>	Challenges of Globalization and Inclusivity in Academic Research			202	223	2024
3	Vetrihangam D.; Pegada N.K.; Himabindu R.; Arunadevi B.; Ramesh Kumar A.	<a href="#">State-of-the-art review on the models, techniques, and datasets to diagnose COVID-19 disease</a>	Research Anthology on Bioinformatics, Genomics, and Computational Biology			1427	1452	2024
4	Varadharajan D.P.; Kumarasamy S.; Murugesan R.; Muthuramalingam A.; Venkatesan M.; Nachimuthu L.	<a href="#">A comprehensive review on single axis solar tracking system using artificial intelligence</a>	Intelligent Solutions for Sustainable Power Grids			1	22	2024
5	Geetha B.G.; Senthilkumar R.; Yasotha S.; Ayisha S.; Asique K.	<a href="#">Unlocking and maximising the multifaceted potential of machine learning techniques in enhancing healthcare delivery</a>	Cross-Industry AI Applications			277	290	2024
6	Rekha V.; Indumathi N.; Nair K.B.; Rajmohan R.; Gopala Gupta A.S.A.L.G.; Gupta S.	<a href="#">Educational imperatives: Preparing students for the security demands of 6G networks</a>	6G Security Education and Multidisciplinary Implementation			76	95	2024
7	Selvarajan K.; Senthilkumar V.; Ravikumar S.; Mohanamanoharan S.; Manoharan A.	<a href="#">Flexural Behavior of Infilled Steel Concrete Composite Sections Using Expanded Clay Aggregates</a>	Springer Proceedings in Materials	60		719	730	2024
8	Sahila S.; Jayakumari L.S.; Sampath P.S.; Palanisamy S.; Palaniappan M.	<a href="#">Cellulose Based Rubber Blends and Microcomposites</a>	Advanced Structured Materials	210		45	73	2024
9	Aiswarya M.; Kumar G.R.; Kumar P.; Kuppusamy K.	<a href="#">Enhancing Static Timing Analysis Efficiency for RISC-V Processors Through Optimization Techniques</a>	Lecture Notes on Multidisciplinary Industrial Engineering	Part F3358		393	401	2024
10	Sarojini G.; Balasubramani K.; Kannan P.; Sivaramajasekar N.; Dineshkumar M.	<a href="#">Current policy and regulatory challenges, opportunities, and future perspectives of industrial effluents treatment in biorefineries</a>	Biorefinery of Industrial Effluents for a Sustainable Circular Economy			327	341	2024
11	Gupta P.K.; Tiwari H.; Mishra R.; Balakrishnan K.; Singh S.; Kumar S.; Kesari K.K.; Krishnan S.	<a href="#">An opinion on advanced cancer immunotherapy through innovations in PD-1 inhibitor delivery systems</a>	Expert Opinion on Drug Delivery	21	12	1693	1695	2024

12	Kumar M.S.S.; Palanisamy S.; Sampath P.S.; Thasthagir M.S.	<a href="#">The Utilization of Natural Plant Fibers as a Sustainable Substitute Material for Textile and Other Uses</a>	Advances in Renewable Natural Materials for Textile Sustainability			153	181	2024
13	Karthikeyan S.; Kishore S.; Manikandaprabhu S.; Kaven R.; Arunmozhi M.	<a href="#">Behaviour of Encased Steel Concrete Composite Beams Using Lightweight Aggregate and Fibers</a>	Springer Proceedings in Materials	60		355	366	2024
14	Sathish S.; Anandakrishnan V.; Baskaran M.; Kumaravel A.; Ananthakumar K.	<a href="#">Tribo-Surface Characteristics of Biointerface Materials</a>	Tribo-Behaviors of Biomaterials and Their Applications: Fundamentals, Recent Advancements, and Future Trends			94	117	2024
15	Senthilraja S.; Gangadevi R.; Baskaran M.	<a href="#">Nanoparticle synthesis and characterisation for nanofluid development</a>	Nanofluids Technology for Thermal Sciences and Engineering Research, Development, and Applications			26	40	2024
16	Kumar R.; Singh C.; Raju Y.; Patil P.; Saravanan K.	<a href="#">Schemes and Security Attacks on the Integrity of Cyber-Physical Systems in Energy Systems</a>	Cyber Physical Energy Systems			415	444	2024
17	Aruchamy K.; Sampath P.S.; Bhuvaneshwaran M.; Umachitra G.; Palanisamy S.; Mubarak S.	<a href="#">Metallic fibers: applications and composites</a>	Synthetic and Mineral Fibers, their Composites and Applications			433	460	2024
18	Jothimani K.; Hemalatha S.; Karthikeyan K.	<a href="#">The futuristic trends for modern electric vehicles</a>	Artificial Intelligence-Empowered Modern Electric Vehicles in Smart Grid Systems: Fundamentals, Technologies, and Solutions			441	476	2024
19	Bisht S.; Kanwal S.; Gnanamangai B.M.; Singh S.; Mansi D.B.; Kumar R.; Sharma M.; Gupta P.K.	<a href="#">3D-printed nanomedicines for cancer therapy</a>	Future Science OA	10	1			2024
20	Sathish S.; Anandakrishnan V.; Baskaran M.; Prabu M.; Senthilraja S.	<a href="#">Metallurgical Transition</a>	Friction Stir Spot Welding: Metallurgical, Mechanical and Tribological Properties			111	127	2024
21	Ananthakumar K.; Sathish S.; Parthiban P.; Tiruvenkadam N.; Baskaran M.	<a href="#">Thermo-mechanical Analysis</a>	Friction Stir Spot Welding: Metallurgical, Mechanical and Tribological Properties			128	143	2024
22	Kagi S.; Balamurugan R.; Murthy S.D.A.; DilliBabu S.P.; Nidhya M.S.	<a href="#">The Role of Artificial Intelligence in Talent Management and Career Development</a>	AI-Oriented Competency Framework for Talent Management in the Digital Economy: Models, Technologies, Applications, and Implementation			42	53	2024
23	Lakshmanan V.; Srinivasan P.; Sanjay M.; HariPrasadh S.	<a href="#">Interlayer Morphology of Friction Stir Spot Welding</a>	Friction Stir Spot Welding: Metallurgical, Mechanical and Tribological Properties			79	96	2024
24	Bhat A.H.; Prabhu P.; Khanday H.A.; Cingez K.	<a href="#">Artificial Intelligence (AI) Applications for Smart Wearables</a>	Handbook of Artificial Intelligence and Wearables: Applications and Case Studies			1	16	2024

25	Gangadevi R.; Senthilraja S.; Baskaran M.	<a href="#">Nanomaterials in solar collector technology</a>	Handbook of Nanomaterials: Electronics, Information Technology, Energy, Transportation, and Consumer Products: Volume 1	1		251	275	2024
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