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3.2.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2023-2024

S.No	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	Link to the book/ proceedings	Page. No
1	Sheik Hidayatulla Shariff	.....	Impact of biodiesel on engine performance and emission	Materials today	Conference on Recent Advances in Modelling and Simulations Techniques in Engineering and Science.	International	2023	2214-7853	Avanthi Institute of Engineering and Technology	Science direct	https://doi.org/10.1016/j.matpr.2023.07.275	12
2	Sheik Hidayatulla Shariff	Advancements in energy recovery from waste plastic material for sustainable environment and circular economy	Materials today	Conference on Sustainable Materials and Practices for Built Environment.	International	2023	2214-7853	Avanthi Institute of Engineering and Technology	Science direct	https://doi.org/10.1016/j.matpr.2023.08.272	13





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3	A. M. V. Praveen		Study of consistency in multi-response optimization generated with GRA using sensitivity analysis in orthogonal turn-mill and lathe processes under eco-friendly conditions	AIP Conf. Proc.	International Conference on Advances in Communications, Computing & Electronic Systems	International	2023	1551-7616	Avanthi Institute of Engineering and Technology	AIP Publishing	https://doi.org/10.1063/5.0166081	14
4	A. M. V. Praveen		Overview of turn-milling machining processes – A review	AIP Conf. Proc.	2nd International Conference & Exposition on Mechanical, Material, and Manufacturing Technology	International	2023	1551-7616	Avanthi Institute of Engineering and Technology	AIP Publishing	https://doi.org/10.1063/5.0182884	16





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5	Shaik Hidayatulla Shariff		Design of Automated Braking System of Vehicle Using PLC Ladder and Simulated with WPL Software	AIP Conf. Proc.	International Conference on Advances in Communications, Computing & Electronic Systems	International	2023	1551-7616	Avanathi Institute of Engineering and Technology	AIP Publishing	https://doi.org/10.1063/5.0166076	18
6	G. Anantha Rao K. Syama K. Suribabu		Statistical features based selfie sign language recognition system (SSLRS) with ANN classifier	AIP Conf. Proc.	International Conference on Advances in Communications, Computing & Electronic Systems	International	2023	1551-7616	Avanathi Institute of Engineering and Technology	AIP Publishing	https://doi.org/10.1063/5.0165675	20
7	Dinesh Chandra Pancharia		Recognition of Fabricated Online Reviews Using Semi-Supervised Learning	AIP Conf. Proc.	International Conference on Advances in Communications, Computing & Electronic Systems	International	2023	1551-7616	Avanathi Institute of Engineering and Technology	AIP Publishing	https://doi.org/10.1063/5.0165688	22





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8	Ramu Garugubilli		Evaporation characteristics influence on exhaust emissions of waste plastic oil petro diesel blends	AIP Conf. Proc.	International Conference on Advances in Communications, Computing & Electronic Systems	International	2023	1551-7616	Avanthi Institute of Engineering and Technology	AIP Publishing	https://doi.org/10.1063/5.0166071	24
9	Dr.Gandi Satyanarayana	Computer Networks and Security				International	2024	978-93-6674-024-9	Avanthi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=MjMzOQ	26
10	Srilakshmi Puli	Cryptography and Security in the Modern Era				International	2024	978-93-6132-944-9	Avanthi Institute of Engineering and Technology	Standard International Publishing group limited	https://sipinternationalpublishers.com/product-detail.php?PID=MjMzOQ	32





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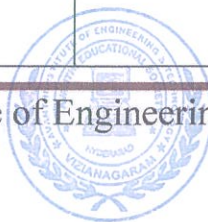
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11	K. Praveena	Futuristic Trends in IOT	Smart and iot based intelligent monitoring of dfig generator system for wecs			International	2024	978-93-6252-596-3	Avanathi Institute of Engineering and Technology	Iterative International Publishers	https://www.iipseries.org/viwpaper.php?pid=2627&pt=smart-and-iot-based-intelligent-monitoring-of-dfig-generator-system-for-wecs	37
12	Deepthi .K Bhavani shankar	Managem ent theory and practices				International	2024	978-93-6674-544-2	Avanathi Institute of Engineerin g and Technolog y	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=MzA2Nw	39
13	DR.R.Swapna	Trends in arts, science and humanities	Nanoparticles: synthesis and applications			International	2024	978-81-982496-1-6	Avanathi Institute of Engineerin g and Technolog y	Associatio n of Global Academici an and Researcher (AGAR) Publication s	https://salihapublications.wordpress.com/tash-2024/	47





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14	Dr.A.Chandra Shekhar	Java Programming Beginners Guide	---	----	----	International	2023	978-93-5757-168-5	Avanthi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=OTk0	49
15	Dr.Gandi Satyanarayana	Python programming Hands on Approach	---	----	----	International	2023	978-93-5757-172-2	Avanthi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=OTcy	54
16	Suman Datta Srimani	Research Methodology	---	----	----	International	2023	978-93-5757-145-6	Avanthi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=OTU2	62





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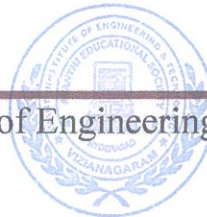
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17	Ch.Surendra Kumar choudary	Fundamentals of computer networks	---	----	----	International	2023	978-93-5757-238-5	Avanathi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=MTAzNg	69
18	G. Ramu	Manufacturing Process	---	----	----	International	2023	978-93-5757-215-6	Avanathi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=MTAzOA	77
19	M.Vinay Kumar	Fundamentals of electronic devices	---	----	----	International	2023	978-93-5757-155-5	Avanathi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=OTU1	82





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20	K.Syamala	Power Electronics	---	----	----	International	2023	978-93-5757-269-9	Avanathi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=MTA3Mg==	88
21	S. Kesava Rao	Data structures and algorithm	---	----	----	International	2023	978-93-5757-318-4	Avanathi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=MTE2NA==	91
22	Shalemu Raju Matta	Wireless communication Networks	---	----	----	International	2023	978-93-5757-184-5	Avanathi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=OTgy	96





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23	G. Bhanu Gupta	Fundamentals of Image processing	---	----	----	International	2023	978-93-5757-276-7	Avanathi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=MTE00Q==	101
24	Dr. Shaik. Hidayatulla Shariff	Materials Science and Nano Technology	---	----	----	International	2023	978-93-5757-319-1	Avanathi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=MTE2NQ==	105
25	R.Aneel Kumar	Analog and Digital Circuits	---	----	----	International	2023	978-93-5757-340-5	Avanathi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=MTE3NQ==	113





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26	A.Vasudeva Rao	Fundamentals of cloud computing	---	----	----	International	2023	978-93-5757-243-9	Avanthi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=MTA1Nw==	115
27	Dr.R.Swapna	Engineering Physics	---	----	----	International	2023	978-93-5757-485-3	Avanthi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=MTM2MQ==	117
28	Venket Praveen	Fundamentals of 3D Printing	---	----	----	International	2023	978-93-5757-503-4	Avanthi Institute of Engineering and Technology	Scientific International Publishing House	https://sipinternationalpublishers.com/product-detail.php?PID=MTM1OQ==	124





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29	A. Chandrasekhar	A microservice architecture with load balancing mechanism in cloud environment	Springer Proceedings in Mathematics & Statistics book series	International Conference on Machine Learning and Big Data Analytics-ICMLBDA	International	2023	978-3-031-15174-3	Avanthi Institute of Engineering and Technology	Springer	https://link.springer.com/chapter/10.1007/978-3-031-15175-0_7	126
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