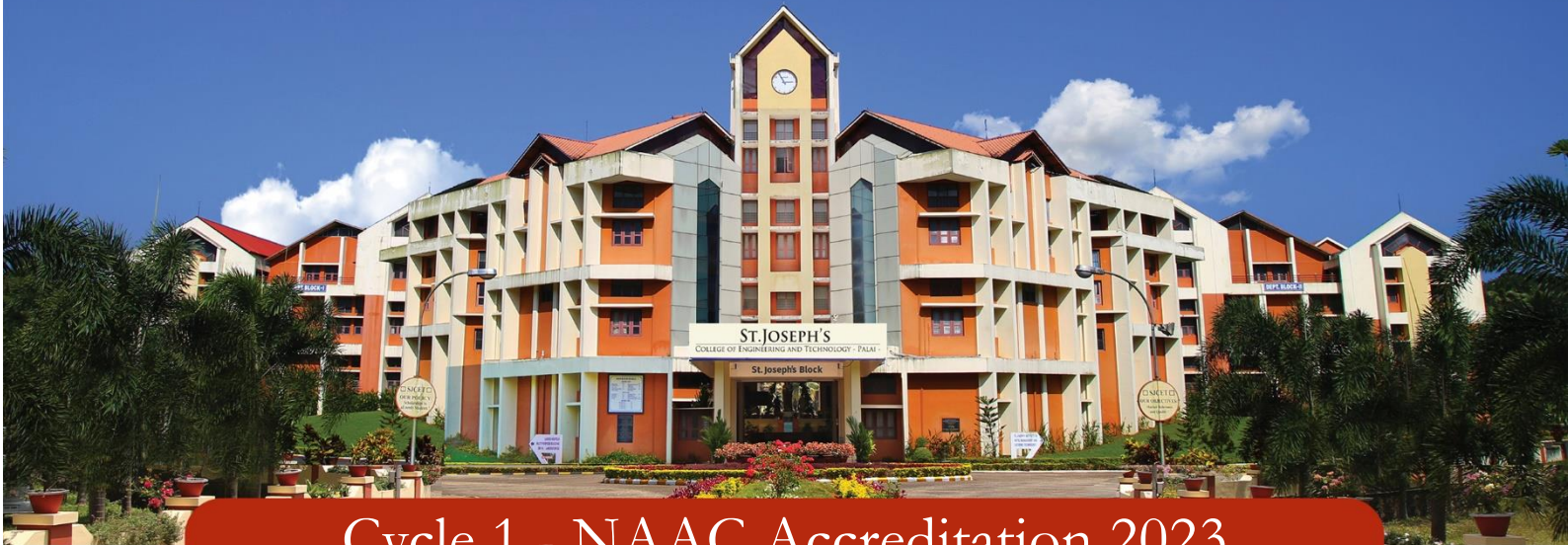




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Choondacherry P.O., Palai, Kottayam Pin 686579, Kerala, India
Phone: +91 4822-239700, 239301, 239302
Email: info@sjcetpalai.ac.in • Website: www.sjcetpalai.ac.in



Cycle 1 - NAAC Accreditation 2023

Criterion - 3

Research, Innovations & Extension

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Submitted to:



National Assessment and Accreditation Council



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3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Year	2022-23	2021	2020	2019	2018	Total
Number of Books Published	1	2	1	3	1	8
Number of Book Chapters Published	10	9	4	5	1	29



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Books Published

S. No	Name of the Teacher & Title of the Chapter	Link to the Cover page/Content Page	ISBN/ISSN No
1	Dr. Joby P P & IoT Based Control Networks and Intelligent Systems – 2022 Editor: Conference Proceedings	IoT Based Control Networks and Intelligent Systems	978-981-19-5845-8
2	Dr. V. P. Devasia, Dr. Lijo Paul, Dr. Jilse Sebastian, Dr. Tomson Davis & International Conference on Artificial Intelligence & Energy Systems – 2021 Editor: Conference Proceedings	International Conference on Artificial Intelligence & Energy Systems	2214-7853
3	Dr. Joby P P & International Conference on IoT Based Control Networks & Intelligent Systems - ICICNIS – 2021 Editor: Conference Proceedings	International Conference on IoT Based Control Networks & Intelligent Systems - ICICNIS 2021	-
4	Dr. Joby P P & International Conference on IoT Based Control Networks & Intelligent Systems - ICICNIS 2020 Editor: Conference Proceedings	International Conference on IoT Based Control Networks and Intelligent Systems ICICNIS 2020	-
5	Fr. Joseph Purayidathil & Book: Ethical Leadership: A Model for Character Formation - 2019	Book: Ethical Leadership: A Model for Character Formation	978-620-0-45597-0



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S. No	Name of the Teacher & Title of the Chapter	Link to the Cover page/Content Page	ISBN/ISSN No
6	Dr. Rajesh Baby & Book: Thermal Management of Electronics, Volume I: Phase Change Material-Based Composite Heat Sinks—An Experimental Approach 2019	Book: Thermal Management of Electronics, Volume I: Phase Change Material-Based Composite Heat Sinks—An Experimental Approach	978-1-94708-381-3
7	Dr. Rajesh Baby & Book: Thermal Management of Electronics, Volume I: Phase Change Material-Based Composite Heat Sinks—An Experimental Approach 2019	Book: Thermal Management of Electronics, Volume II: Phase Change Material-Based Composite Heat Sinks—An Experimental Approach	978-1-94944-942-6
8	Dr. Madhukumar S., Dr. Rajesh Baby, Prof. Sabarinath G. & International Conference on Recent Advancements and Effectual Researches in Engineering Science and Technology (RAEREST) - 2018 Editor: Conference Proceedings	second Global Colloquium on Recent Advancements and Effectual Researches in Engineering, Science and Technology (RAEREST – 2018)	-



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Books Chapters Published

S.I No	Name of the Teacher & Title of the Chapter	Link to the Cover page/Content Page	ISBN/ISSN No
1	Dr. Joby P P & Blockchain, IoT, and AI Technologies for Supply Chain Management Chapter 12	Ensuring Provenance and Traceability in a Pharmaceutical Supply Chain Using Blockchain and Internet of Things	9781032206400
2	Dr. Lijo Paul, Mr. Abyson Scaria & Evolutionary Optimization of Material Removal Processes / Multi-Response Optimization During High-Speed Drilling of Composite Laminate Using Grey Entropy Fuzzy (GEF) and Entropy-Based Weight Integrated Multi-Variate Loss Function	Multi-Response Optimization During High-Speed Drilling of Composite Laminate Using Grey Entropy Fuzzy (GEF) and Entropy-Based Weight Integrated Multi-Variate Loss Function	9781003258421
3	Mr. Justin Jose, Dr. Rajesh Baby & Design and Development of a Water-Cooled Proton Exchange Membrane Fuel Cell Stack for Domestic Applications	Design and Development of a Water-Cooled Proton Exchange Membrane Fuel Cell Stack for Domestic Applications	978-981-19-4501-4
4	Mr. S. Babu Sanker and Dr. Rajesh Baby & A Review on Phase Change Material–metal Foam Combinations for Li-Ion Battery Thermal Management Systems	A Review on Phase Change Material–metal Foam Combinations for Li-Ion Battery Thermal Management Systems	978-981-19-4501-4
5	Dr. Rajesh Baby & Predicting the Performance Enhancement of Proton Exchange Membrane Fuel Cell at Various Operating Conditions by Artificial Neural Network	Predicting the Performance Enhancement of Proton Exchange Membrane Fuel Cell at Various Operating Conditions by Artificial Neural Network	978-981-19-4501-4
6	Dr. Rajesh Baby & Review on Characteristic Features of Jet Impingement that Favours Its Application in Solar Air Heaters	Review on Characteristic Features of Jet Impingement that Favours Its Application in Solar Air Heaters	978-981-19-4502-1



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7	Mr. Bino Thomas & Carbon Nanotubes for Energy and Environmental Applications Chapter: 2	Carbon Nanotubes for Energy Applications	-
8	Ms. Anna N Kurian & Artificial Intelligence of Things for Early Detection of Cardiac Diseases	Artificial Intelligence of Things for Early Detection of Cardiac Diseases	978-3-030-80930-0
9	Ms. Anna N Kurian & Robotic Technology in the development of Prosthesis	Robotic Technology in the development of Prosthesis	978-3-030-80930-0
10	Dr. Lijo Paul and Mr. Abyson Scaria & Multi response optimisation during high-speed drilling of composites	Multi response optimisation during high speed drilling of composites	-
11	Dr. Bennet Kuriakose & Advances in Civil Engineering, Springer	2021-22 BC04BKmerge Sign.pdf (sjcetpalai.ac.in)	978-981-15-5643-2
12	Dr. Bennet Kuriakose & Advances in Civil Engineering, Springer	2021-22 BC05 BKmerge Sign.pdf (sjcetpalai.ac.in)	978-981-15-5643-2
13	Dr. Shancy Augustine and Dr. Lijo Paul & Advanced Machining and Finishing	Relevance of micromachine in microfluidics and biomedical devices	-
14	Dr. Tomson Thomas, Mr. Anoopraj M. R., Dr. Ginu Ann George & Advanced Aspects of Engineering Research	An Introduction to Wind Energy Conversion System with Low Voltage Ride-Through Capability	-
15	Dr. Ginu Ann George & Dr. Tomson Thomas & Advanced Aspects of Engineering Research	Charge Equalization of Battery System Considering State of Charge Variations in Electric Vehicle Application	-



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16	Dr. Lijo Paul and Dr. Jilse Sebastian & Evaluation of reliability of empirical models for estimating global solar radiation	Plastic recycling and regeneration	978-0-12-818115-7
17	Dr. Lijo Paul & High speed machining of composite materials	High speed machining of composite materials	978-0-12-815020-7
18	Dr. Gemini George & Deploy-Web Hosting using Docker Container	Deploy-Web Hosting using Docker Container	978-981-33-6979-5
19	Dr. Gemini George & An Android Based Smart Home Automation System in Native Language	An Android Based Smart Home Automation System in Native Language	978-981-33-6989-4
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22	Dr. Rajesh Baby and Dr. Bennet Kuriakose & Recent Trends in Use of Phase Change Materials for Sustainable Thermal Management of Buildings: A Review	Recent Trends in Use of Phase Change Materials for Sustainable Thermal Management of Buildings: A Review	978-981-15-1065-6
23	Dr. Rajesh Baby & Soil Organic Carbon Estimation Using Remote Sensing Technique	Soil Organic Carbon Estimation Using Remote Sensing Technique	978-981-15-1065-6



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24	Dr. Lijo Paul & Non-conventional Micro-machining Processes	Non-conventional Micro-machining Processes	978-3-030-18856-6
25	Dr. K J George & Flood and Landslide Mitigation by Improving the Midlands of Kerala	Flood and Landslide Mitigation by Improving the Midlands of Kerala	-
26	Mr. Jenson Jose & Environmental and Economic Impact Assessment of Flooring Materials	Environmental and Economic Impact Assessment of Flooring Materials	978-3-030-26367-6
27	Ms. Ance Mathew & Analysis and Comparative Study of Seismically Detailed Column Under Blast Loading	Analysis and Comparative Study of Seismically Detailed Column Under Blast Loading	978-3-030-26367-6
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