

3.4.4 Number of books and chapters in edited volumes / books published per teacher during the year

Sl. No.	Name of the Teacher	Title of the Book published	Title of the Chapter published	Title of the proceedings of the conference	Name of the conference	National / International	Year and month of publication	ISBN of the Book/Conference Proceeding	Affiliating Institute of the teacher at the time of publication	Name of the Publisher
1	Dr. A. Bhuvanesh	Generation Expansion Planning for Tamil Nadu: Aiming a Low Carbon Future: Generation Expansion Planning					44470	ISBN-10: 1684871115, ISBN-13: 978-1684871117	PSN CET	Notion Press
2	Dr. A. Bhuvanesh	Optimal Placement of Distribution Generators Using Evolutionary Algorithms					44562	ISBN-13: 979-8885552615	PSN CET	Notion Press
3	A. Santhana Mahalingam	Engineering Mathematics - I					June 2021	978 - 93 - 90967 - 80 - 3	PSN CET	Charulatha Publications
4	Dr.K. Arunprasath,	Development of Additive Manufactur	-				March 2022		PSN CET	Springer

3.4.4 Number of books and chapters in edited volumes / books published per teacher during the year

		ing Techniques								
5	Dr.K. Arunprasath,	Polymer- based composites: Design, Manufactur ing, and Application s					August 2021		PSN CET	Taylor and Francie s
6	Dr.K. Arunprasath,	Manufactur ing Technology and Experiment al Application s					March 2022		PSN CET	Bentha m Publish ers
7	Dr.K. Arunprasath,	Thermal Performanc e and Fire Resistance Studies on Filler Based Natural Fiber Polymer Composites -A Review, Encycloped ia of Materials amd Polymers					March 2022		PSN CET	Elesive r
8	Dr.K. Arunprasath	Polymers for structral					2022		PSN CET	CRC Press

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		applications , Materials for Lightweigh t Constructio ns								
9	Dr. A. Ahilan	Ultrasound Speckle Noise Cancellatio n Techniques								
10	Dr.M.Varghe se, Dr. G. KharmegaSu ndararaj, Dr. R. Madhavan	JAVA PROGRA MMING							PSN CET	Charula tha Publica tions
11	Dr. K Arunprasath, Dr. V. Manikandan	Dynamic Mechanical Behavior of Hybrid Flax/Basalt Fiber Polymer Composites					18 June 2021		PSN CET	WILE Y-VCH GmbH
12	Dr. V Manikandan	Developme nt and Sustainabili ty of Biochar Derived from Cashew Nutshell- Reinforced							PSN CET	WILE Y-VCH GmbH

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		Polymer Matrix Composite								
13	Dr. K. ArunPrasath, Dr. A. Bhuvanesh,	Static and Dynamic Mechanical Performance Studies on Flax, Basalt Fiber Reinforced Polyester Hybrid Composites					29 October 2022	ISBN-13: 979-8888495308	PSN CET	Notion Press
14	Dr.J.Leemaro se, Dr. A. Bhuvanesh	Investigations for Performance Improvement of Closed-Loop Controllers of DC-DC Converters					27 October 2022	ISBN-13: 979-8889092421	PSN CET	Notion Press
15	Dr.S.Rajasek aran, Dr. A. Bhuvanesh	Performance Investigation of Power System with FACTS Devices					27 October 2022	ISBN-13: 979-8889095866	PSN CET	Notion Press

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15	Dr.T.Rajesh			Development of Flight Controllers for Nano RPAs with the ESP8266	International Conference on Communication and Electronics Systems(ICES 2022)	International	22-24, June 2022	PPG Institute of Technology,Coimbatore	IEEE
17	Mr. K.Jebastin			Real Time quick Fog supporting vehicles on hilly routes amid dense fog	3rd International Conference on Computational Intelligence	International	29-30, Dec 2022	IIT , Pune	
18	Mr. K.Jebastin			Real Time Hump Detection at night time	2nd Indian International Conference on IEOM	International	16-18, Aug 2022	Indian International Conference on Industrial Engineering and Operations Management Warangal	NIT, Warangal
19	Ms. K.Janaki			Real Time quick Fog supporting vehicles on hilly routes amid dense fog	3rd International Conference on Computational Intelligence	International	29-30, Dec 2022		IIT , Pune

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20	Dr. Bhuvanesh			Computing and Industry	3rd International conference on Communication	International	15-16, Dec 2022		CMR Institute of Technology, Bengaluru	
21	Dr. G. Linta Shalini			The theoretical Aspect Research Identification of the Advanced concept of Business start ups	International Conference on Industry 4.0 – Eliciting emerging opportunities in the new millennium	International	25-27, Aug 2022		Mar Ivonis College, Tvm	
22	Dr. G. Linta Shalini			An evidence based study of the Nation institution for transforming India's M&E process on SDG 5 towards Empowerment of Women and Girls by 2030	International conference on Role of technology towards sustainable development innovation and information exchange in business and management	International	29-30, July 2022		SIMATS, Chennai.	

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	Dr.K.Sakthi Murugan			Author/s	"Intelligent Computing, Instrumentation and Control Technologies (ICICT-2022)"	International	Aug 11th & 12th 2022		Vimal Jyothi Engineering College. Kannur(Dt.) - 670632, Kerala,	IEEE
23	Dr.K.Sakthi Murugan			OPTIMIZATION OF SEMI-CIRCULAR DIMPLE WING OF AN NACA 0012	8 th International Conference on Latest Trends in Science, Engineering and Technology (ICLTSET'22)	International	May 20-21, 2022		Karpagam Institute of Technology, Coimbatore.	IEEE
24	Dr.K.Chandrasekar		International conference on Social Research and Innovation	RF ID Based automated Rationing for a public distribution system			6,7-11-2021		Villa College, Male	
25	Dr. G. Nallasivan		International Conference on Emerging Trends in	A Survey of Lung Nodules Classification with Deep Learning Techniques			11.08.2021 and 12.08.2021		J.P College of Arts and Science	

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			Intelligent Computing						
26	Mrs. A. Hyils Sharon Magdalene		International Conference on Advances in Electrical and Computer Technologies 2021	Lessening Spectrum Sensing Data Falsification Attack by Weighted Fuzzy Clustering means using Simulation Annealing in Cognitive Radio Networks				29.10.21 & 30.10.21	PSR Engineering College
27	S.P.Umayal		International Virtual Conference on Power, Information, and Communication	Complementary Switching Multilevel Inverter Using Wave Shift Multi Carrier Modulation Control				12-15-21	PSN CET
28	Dr.J.Leema Rose		International Virtual Conference on Power,	Three phase induction motor monitoring and controlling using IoT				12-15-21	PSN CET

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			Information, and Communication						
29	S.Amosedina karan, A.Bhuvanesh		International Virtual Conference on Power, Information, and Communication	Prediction of Tamil Nadu's Annual Electricity Demand Using Adoptive Neuro-fuzzy network				12-15-21	PSN CET
30	S.Amosedina karan, A.Bhuvanesh		International Virtual Conference on Power, Information, and Communication	INDUSTRY 4.0: A REAL-TIME IMPLEMENTATION OF AUTOMATION AND DIGITALIZATION IN AN INDUSTRY				12-15-21	PSN CET
31	S.Amosedina karan, A.Bhuvanesh		International Virtual Conference on Power, Information, and Communication	Fault identification and rectification in a wind energy conversion system: A real-time investigation				12-15-21	PSN CET

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3 2	Dr. J.Leema Rose		International Virtual Conference on Power, Information, and Communication	Transient Response Based Digital PID Controller and Fuzzy Controller of Ćuk Converter				12-15-21	PSN CET	
3 3	Dr.J.Leema Rose		International Virtual Conference on Power, Information, and Communication	IoT based automatic water irrigation system for agriculture				12-15-21	PSN CET	
3 4	V.Jenitha		International Virtual Conference on Power, Information, and Communication	SCADA BASED MONITORING AND CONTROL OF DC MOTOR				12-15-21	PSN CET	

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3 5	Dr. J.Leema Rose		International Virtual Conference on Power, Information, and Communication	DESIGN AND DEVELOPMENT OF SOLAR POWERED AGRICULTURE WATER PUMP IRRIGATION SYSTEM				12-15-21	PSN CET	
3 6	S.Indhumathi		International Virtual Conference on Power, Information, and Communication	Implementation of solar power optimizer to enhance output power of a solar PV plant				12-15-21	PSN CET	
3 7	S.Amosedina karan, A.Bhuvanesh		International Virtual Conference on Power, Information, and Communication	COMPARATIVE ANALYSIS OF POLYMER AND PORCELAIN BASED INSULATOR IN 11KV AIR BREAK SWITCHES				12-15-21	PSN CET	

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38	S.Amosedina karan, A.Bhuvanesh		International Virtual Conference on Power, Information, and Communication	DESIGN OF SMART STREET LIGHT WITH AUTO INTENSITY CONTROL				12-15-21	PSN CET	
39	S.Amosedina karan, A.Bhuvanesh		International Virtual Conference on Power, Information, and Communication	MANUFACTURING AND TESTING OF INSTRUMENTATION TRANSFORMER				12-15-21	PSN CET	
40	S.Amosedina karan, A.Bhuvanesh		International Virtual Conference on Power, Information, and Communication	DESIGN OF SINGLE PHASE WATER PUMP USING AUTOMATIC FLOAT SWITCHING CONTROLLER				12-15-21	PSN CET	

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4 1	S.Amosedina karan, A.Bhuvanesh		Internatio nal Virtual Conferen ce on Power, Informati on, and Communi cation	THREE PHASE INDUCTION MOTOR SPEED CONTROL USING ARDUINO AND V/F TECHNIQUE				12-15-21	PSN CET	
4 2	S.Amosedina karan, A.Bhuvanesh		Internatio nal Virtual Conferen ce on Power, Informati on, and Communi cation	DEVELOPME NT OF DUAL AXIS SOLAR TRACKING				12-15-21	PSN CET	
4 3	S.Amosedina karan, A.Bhuvanesh		Internatio nal Virtual Conferen ce on Power, Informati on, and Communi cation	DC MOTOR SPEED CONTROL BASED ON VOICE				12-15-21	PSN CET	
4 4	S.Amosedina karan, A.Bhuvanesh		Internatio nal Virtual Conferen ce on Power,	DESIGN AND DEVELOPME NT OF HANDHELD METAL DETECTOR				12-15-21	PSN CET	

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			Information, and Communication						
4 5	S.Amosedina karan, A.Bhuvanesh		International Virtual Conference on Power, Information, and Communication	DESIGN AND IMPLEMENTATION OF PLC CONTROLLED PHOSPHATING BATH SYSTEM TO OVERCOME THE FAILURE OF HEATERS				12-15-21	PSN CET
4 6	S.Amosedina karan, A.Bhuvanesh		International Virtual Conference on Power, Information, and Communication	ARDUINO BASED AUTOMATIC VEHICLES ACCIDENT THEFT SYSTEM USING GPS AND GSM				12-15-21	PSN CET
4 7	A.Bhuvanesh		IOP Conference Series: Materials Science and	Fault identification in a grid connected solar PV system using Back				2021	

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			Engineering	propagation Neural Network					
48	A.Bhuvanesh		IOP Conference Series: Materials Science and Engineering	Multi-objective economic dispatch of distributed generation using differential evolution algorithm				2021	
49	V.Ramkumar		International/ICONACES 2021	Bio composites of Neem , Tamarind seed gum ,and cement applications and properties				20/10/2021	VIT, Chennai
50	Mr.S.R.Stalin		Virtual National Conference	A Review on current Research trends in Micro-EDM				9/30/2021	JP college of Engineering