

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years (10)

3.3.3.1: Total number of books and chapters in edited volumes/books published and papers in national/ international conference-proceedings year wise during last five years

1-Any additional information

Sl. No.	Program	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	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	Document Link
1	CV	H. Ajith Hebbar		A Study On Land Air Transit Elevated Bus			ISSN(O)-2395-4396	Alva's Institute of Technology, Moodbidri, Mijar, Dakshina Kannada, Karnataka, INDIA	International Journal of Advance Research and Innovative Ideas in education	View Document
2	CV	H. Ajith Hebbar		Comparison Study On Lead And Arsenic Removal Using Groundnut Shell And			ISSN(O)-2395-4396	Alva's Institute of Technology, Moodbidri, Mijar, Dakshina Kannada, Karnataka, INDIA	International Journal of Advance Research and Innovative Ideas in Education	

				Tamarind Seed By Adsorption And Nano-Sorption						
3	CV	H G Umeshchandra		Development of water conservation plan at Manipal Udupi District			ISSN(O)-2395-4396	Alva's Institute of Technology, Moodbidri, Mijar, Dakshina Kannada, Karnataka, INDIA	International Journal of Advance Research and Innovative Ideas in Education	
4	CV	H G Umeshchandra		Effect of Industrial Effluent on Groundwater sources in and around Baikampady			ISSN(O)-2395-4396	Alva's Institute of Technology, Moodbidri, Mijar, Dakshina Kannada, Karnataka, INDIA	International Journal of Advance Research and Innovative Ideas in Education	
5	CV	Sanjay S		Adsorption in waste water using activated carbon: A review			ISSN(O)-2395-4396	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Advance Research and Innovative Ideas in Education	

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6	CV	Sanjay S		A review of electro coagulation process for wastewater treatment			ISSN(O)-2395-4396	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Advance Research and Innovative Ideas in Education	
7	CV	Sanjay S		Microbial fuel cell: A review			ISSN(O)-2395-4396	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Advance Research and Innovative Ideas in Education	
8	CV	Veena D Savanth		Urban flood management at Kottarachow ki, Mangalore, Karnataka, India : A case study			ISSN(O)-2395-4396	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Advance Research and Innovative ideas in education	
9	CV	Ramesh Rao		The physico – chemical analysis of pond water at AIET campus Due to the over flow of sewage water			ISSN(O)-2395-4396	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Advance Research and Innovative Ideas in Education	

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10	CV	Sandeepkumar D S		Geotechnical Investigations of Landslides occurred in Charmudi Ghat: A case study			ISSN(O)-2395-4396	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Advance Research and Innovative Ideas in Education	
11	CV	Swathi		Utilisation of coir fibre as a component material in Mangalore tiles			ISSN(O)-2395-4396	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Advance Research and Innovative Ideas in Education	
12	CSE	Manjunath Kotari	Investigation of Security Issues in Distributed System Monitoring		Springer		978-3-030-22277-2_24	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India		View Document
13	CSE	Manjunath Kotari	A Survey on Detection and Analysis of Cyber Security Threats Through Monitoring Tools		IGI Global		978-1-7998-2242-4.ch005	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India		

14	CSE	Manjunath Kotari		Design of A Self-Healing Mechanism for Wireless Sensor Networks				Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Progressive Research in Science and Engineering
15	CSE	Dr. S. Mohideen Badushah		Review on Yield Estimation			ISSN: 2278-0181	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Engineering Research & Technology (IJERT)
16	CSE	Harish Kunder		A Review of Intelligent Safety System for Women Security			ISSN: 2456-3315	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal for Research Trends and Innovation
17	CSE	Sayeesh		Review on Android Application Security			e-ISSN: 2395-0056, p-ISSN: 2395-0072	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Research Journal of Engineering and Technology (IRJET)
18	CSE	Sayeesh		Food Distribution During Flood Using Q-Learning Algorithm			ISSN (Online): 2581-5792	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Research in Engineering, Science and Management

19	CSE	Sayeesh		Smart Energy Meter Using IoT			ISSN (Online): 2581-5793	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Research in Engineering, Science and Management	
20	CSE	Mr. Vivek Sharma		Modified U-Net Models for Coarse Tumor Segmentation			e-ISSN: 2395-0056, p-ISSN: 2395-0072	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Research Journal of Engineering and Technology (IRJET)	
21	CSE	Mr. Vivek Sharma		Review of AI CHATBOT			e-ISSN: 2395-0056, p-ISSN: 2395-0073	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Research Journal of Engineering and Technology (IRJET)	
22	CSE	Ankitha Shetty		Automatic Tonic Identification in Indian Art Music			ISSN (Online): 2581-5792	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Research in Engineering, Science and Management	
23	CSE	Sushant Mangasuli		Image Compression on Heterogeneous Images Using Convolution			ISSN: 2456-3315	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal for Research Trends and Innovation	

				al Neural Networks						
24	CSE	Mrs. Mangala Kini		Cyber-Bullying Detection using Machine Learning Algorithms			ISSN:2320-2882	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Creative Research Thoughts	
25	CSE	Mrs. Harshitha G M		An Anti-fraud System for Car Insurance Claim Based on Visual Evidence			e-ISSN: 2395-0056, p-ISSN: 2395-0073	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Research Journal of Engineering and Technology (IRJET)	
26	CSE	Hemanth Kumar N P		An Intelligent, Automated Toll Payment System			ISSN (Online): 2581-5792	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Research in Engineering, Science and Management	

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27	CSE	Hemanth Kumar N P		Performance Comparison of a Parallel Recommender Algorithm across three Hadoop-Based Frameworks			ISSN : 2456-3315	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal for Research Trends and Innovation	
28	CSE	Merlyn Melita Mathias		Airline baggage tracking system using IoT			ISSN: 2395-0056	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Research Journal of Engineering and Technology (IRJET)	
29	ECE	Mrs. Nishma K		Artificial Drying and Segregation of Coffee Seeds			ISSN-2349-5162	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Journal of Emerging Technologies and Innovative Research (JETIR)	View Document
30	ECE	Mr. Sudhakar a H M		A Review: Smart Ambulance and Traffic Controlling System			ISSN: 2278-0181	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Engineering Research & Technology (IJERT)	

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31	ECE	Dr. D.V.Manju natha		Enhanceme nt of power output in passive micro-direct methanol fuel cells with optimized methanol concentratio n and trapezoidal flow channels			J. Micromec h. Microeng . 29 (2019) 075006 (9pp)	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Journal of Micromechani cs and Microengineer ing	
32	ECE	Mr. Santhosh S		Assessing the Role of Machine Learning in Robotics			ISSN: 2319- 6386, Volume-6 Issue-5, March 2020	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Innovative Science and Modern Engineering (IJISME)	
33	ECE	Mr. Santhosh S		A Review on Development and trends in bionic Arm Design			ISSN:245 5-2143 DOI: 10.33564	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Engineering Applied Sciences and Technology	

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34	ECE	Mrs. Vijetha T S		Antitheft Sensor Controlled Home Security System			ISSN Print: 0976-6464 and ISSN Online: 0976-6472	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Electronics and Communication Engineering and Technology (IJECEET)	
35	ECE	Mr. Sachin K		Monitoring of Honey Bee Hiving System Using Sensor Networks			ISSN No:- 2456-2165	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Innovative Science and Research Technology	
36	ECE	Dr. D V Manjunatha		A Review of Design and Implementation of Hydrogen Fuel Cell with Modified Proton Exchange Membrane			ISSN-2278-0181	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journals of Engineering Research and Technology	
37	ECE	Dr. Richard Pinto		Thermal, mechanical and linear optical studies of pyridine based trimethoxy		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India		Elsevier

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				substituted chromophore for NLO applications						
38	ECE	Dr. Richard Pinto		Structural, linear and nonlinear optical characterization of Ni and Al Co-Doped CdO semiconductor nanostructures for nonlinear optical device applications		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
39	ECE	Dr. Richard Pinto		Synthesis, growth and NLO studies of a novel pyridine centered chalcone derivative		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	

40	ECE	Dr. Richard Pinto		Third order non linear optical properties of novel furan based organic crystal		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
41	ECE	Dr. Richard Pinto		Synthesis, growth and structural characterizat ion of 1- (furan-2-yl)- 3-(2, 4, 6- trimethoxyp henyl) prop- 2-en-1-one crystal		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
42	ECE	Dr. Richard Pinto		Development of novel porous membrane for filtration of dump yard ground water contaminant s		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	

43	ECE	Dr. Richard Pinto		Structural, morphologic al and optical properties of barium doped bismuth ferrite thin films deposited by spray pyrolysis		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
44	ECE	Dr. Richard Pinto		Role of Zn in tuning the structural, morphologic al and optical properties of V2O5 nanostructu res deposited by spray pyrolysis		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
45	ECE	Dr. Richard Pinto		Simulation and analysis of P (VDF- TrFE) cantilever- beams for low frequency applications		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	

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46	ECE	Dr. Richard Pinto		Novel methyl furan based chalcone material for potential nonlinear optical applications		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
47	ECE	Dr. Richard Pinto		Methanol crossover reduction and power enhancemen t of methanol fuel cells with polyvinyl alcohol coated Nafion membranes		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
48	ECE	Dr. Richard Pinto		Investigation of physical, spectral and thermal properties of a dimethoxy substituted chalcone for opto- electronic device applications		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	

49	ECE	Dr. Richard Pinto		Optimum hydrogen flowrates and membrane- electrode clamping pressure in hydrogen fuel cells with dual- serpentine flow channels		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
50	ECE	Dr. Richard Pinto		Role of UV irradiation of Nafion membranes on ionic groups responsible for proton conduction and mechanical strength: A FTIR spectroscopic analysis		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	

51	ECE	Dr. Richard Pinto		Improved nonlinear optical absorption mechanism and susceptibility ($\times (3)$) of CdS nanostructured thin films: Role of zinc doping		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
52	ECE	Dr. Richard Pinto		Effect of Mg on structural, morphological and optical properties of Mg-doped V2O5 nanostructures		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
53	ISE	Prof. Jayant kumar A Rathod		Block Chain Technology in E-Commerce		International journal of Research and Analytical Reviews	ISSN Number: 2348-1269	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJRAR	View Document

54	ISE	Prof. Jayant kumar A Rathod		Review on Reconstructi on of face images		Internati onal journal of Researc h and Analytic al Reviews	ISSN Number: 2348-1269	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJRAR	
55	ISE	Prof. Manjunat h H R		Wheather Prediction using machine learning		Internati onal journal of Researc h and Analytic al Reviews	ISSN Number: 2348-1269	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJRAR	
56	ISE	Prof. Manjunat h H R		Prefered position of edge Registering in Distributed Computing stage		Internati onal journal of Researc h and Analytic al Reviews	ISSN Number: 2348-1269	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJRAR	
57	ISE	Mr Sharan L Pais		A Ogle Sign-Based User Authenticati on System to Counter Shoulder-Surfing Attacks		Internati onal Journal for Scientifi c Researc h &	ISSN (online): 2321-0613	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJSRD	

						Develop ment				
58	ISE	Mrs. Jaishma Kumari B		Design of Smart Energy Meter for Intelligent Energy Network		Internati onal Journal for Researc h Trends and Innovati on	ISSN: 2456- 3315	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJRTI	
59	ISE	Mr. Nithin N V		A Systematic Review On Facial Recognition of Candidates During Interviews by using Sentimental Recognizers		Internati onal journal of Researc h and Analytic al Reviews	(E-ISSN 2348- 1269, P- ISSN 2349- 5138	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJRAR	
60	ISE	Mr. Pradeep Nayak		Big Data Application in Academic Libraries		Internati onal journal of Researc h and Analytic	(E-ISSN 2348- 1269, P- ISSN 2349- 5138	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJRAR	

						al Reviews				
61	ISE	Mr. Pradeep Nayak		Natural Language Processing of Social Media as Screening for Suicide Risk		Internati onal journal of Researc h and Analytic al Reviews	(E-ISSN 2348- 1269, P- ISSN 2349- 5138	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJRAR	
62	ISE	Mr Sharan L Pais		Illusion PIN: Tricking The EYE to Defeat Shoulder Surfing Attack by using Hybrid Images		Internati onal Researc h Journal of Enginee ring and Technol ogy	ISSN:227 7-7881	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJMER	
63	ISE	Mr. Nagesh U B		A Systematic Review on Candidate Selection Process by Resume Sorting		Internati onal Researc h Journal of Enginee ring and Technol	ISSN:227 7-7881	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJMER	

						ogy				
64	ISE	Prof. Manjunath H R		Medicinal Plant Identification Through Leaf Structure Analysis		International Research Journal of Engineering and Technology	ISSN:2277-7881	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJMER	
65	ISE	MS .Vanyashree		A Translation of Kannada Text Image to english Text by processing of Image using OCR		International Research Journal of Engineering and Technology	ISSN:2277-7881	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJMER	
66	ISE	MS .Vanyashree		Aquaponics System:IOT Based Innovative Plant Cultivation and Fish Feeding		International Research Journal of Engineering and	ISSN:2277-7881	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJMER	

				System		Technol ogy				
67	ISE	Mr. Pradeep Nayak		Face Recognition Attendance System Using RPA		Internati onal Researc h Journal of Enginee ring and Technol ogy	ISSN:239 5-0056	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IRJET	
68	ISE	Prof. Jayantku mar A Rathod		Histopatholo gical Image Classificatio n of Breast Cancer Using Kervolutiona l Neural Networks		Internati onal Journal of Advance d Science and Technol ogy	ISSN: 2005- 4238	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJAST	
69	ISE	Prof. Jayantku mar A Rathod		Active Prediction of Heart Disease using Techniques of Hybrid Machine		Internati onal Journal of Enginee ring and Advance d	ISSN: 2249 – 8958,	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	(IJEAT)	

				Learning		Technol ogy				
70	ISE	Prof. Sudarsha na K		A Novel Technique for Fake News Detection using Machine Learning Algorithms and Web Scrapping		Internati onal Journal of Science and Researc h	ISSN: 2319- 7064	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IJSR	
71	ISE	Prof. Manjunat h H R		Smart Assistance for Dumb and Deaf		Internati onal Researc h Journal of Enginee ring and Technol ogy	e-ISSN: 2395- 0056	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IRJET	
72	ME	Dr. Satyanara yan		Electrochemi cal Etching on Copper Surfaces to Achieve Superhydrop hobicity	Internatio nal Journal of Manuf acturing and Materials		Vol.3, Issue 1, 2019,	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Manufactu ring and Materials Processing	View Documen t

					Processin g					
73	ME	Dr. Satyanara yan		Effect of Casting Moulds on Tribological Properties of Al-Sn Alloy	Internatio nal Journal for Research Trends and Innovatio n, Interna tional Journal for Research Trends and Innovatio n	IJRTI	Vol 4, Issue 5, Page No. 15 - 18, ISSN: 2456- 3315	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal for Research Trends and Innovation, In ternational Journal for Research Trends and Innovation	
74	ME	Sadashiv Bellubbi		Experimenta l Investigation of Process Parameters on Machining Force, MRR and Power in Turning of AISI 316	Internatio nal Journal of Computer Aided Manufact uring		eISSN: 2456- 642X Vol. 5: Issue 1	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	International Journal of Computer Aided Manufacturin g	

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				Steel						
75	BSH	Pavithra G. P.		Electrodeposition and Corrosion Analysis of Ni-Mo Alloy Coatings	Advances in Materials Processing	International Conference on Functional Material , Manufacturing and Performances (ICFMM P) 2019	Print ISBN978-981-15-4747-8; Online ISBN 978-981-15-4748-5	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Springer, Singapore	View Document
76	BSH	Basavaraju Bennehalli		A review on Tribological behaviour of natural fibre reinforced polymer composites	IOP Conference Series: Materials Science and Engineering	1st International Conference on Computational Engineering and Material Science (ICCEMS-2020)	ISSN-17578981, 1757899X	Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	IOP Publishing Ltd	

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77	BSH	Jayarama A		Thermal, mechanical and linear optical studies of pyridine based trimethoxy substituted chromophore for NLO applications		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	View Document
78	BSH	Jayarama A		Structural, linear and nonlinear optical characterization of Ni and Al Co-Doped CdO semiconductor nanostructures for nonlinear optical device applications		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	

79	BSH	Jayarama A		Crystalline and optical properties of new synthesized chalcone compound (2E)-1-(4'-bromobiphenyl-4-yl)-3-(2, 3-dichlorophenyl) prop-2-en-1-one		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
80	BSH	Jayarama A		Structure and property relationship of methoxy substituted novel organic crystals for photonic applications		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
81	BSH	Jayarama A		Synthesis, growth and NLO studies of a novel pyridine centered chalcone derivative		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	

82	BSH	Jayarama A		Third order non linear optical properties of novel furan based organic crystal		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
83	BSH	Jayarama A		Synthesis, growth and structural characterization of 1-(furan-2-yl)-3-(2, 4, 6-trimethoxyphenyl) prop-2-en-1-one crystal		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
84	BSH	Jayarama A		Development of novel porous membrane for filtration of dump yard ground water contaminants		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	

85	BSH	Jayarama A		Structural, morphological and optical properties of barium doped bismuth ferrite thin films deposited by spray pyrolysis		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
86	BSH	Jayarama A		Structural, linear and nonlinear optical properties of Cd _{1-x} Al _x S semiconductor nanostructures: Influence of film thickness		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
87	BSH	Jayarama A		Role of Zn in tuning the structural, morphological and optical properties of V ₂ O ₅ nanostructures		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	

				res deposited by spray pyrolysis						
88	BSH	Jayarama A		Preparation, characterization and study on the nonlinear optical parameters of novel biphenyl-4-carbohydrazide derivative		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
89	BSH	Jayarama A		Simulation and analysis of P (VDF-TrFE) cantilever-beams for low frequency applications		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
90	BSH	Jayarama A		The pivotal role of the pyridine ring in enhancing second order nonlinearity in methoxy		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	

				substituted chalcones						
91	BSH	Jayarama A		Novel methyl furan based chalcone material for potential nonlinear optical applications		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
92	BSH	Jayarama A		Synthesis, growth, Hirshfeld surface analysis and crystal structure of a pyridine based chalcone single crystal		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
93	BSH	Jayarama A		Methanol crossover reduction and power enhancemen t of methanol fuel cells		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	

				with polyvinyl alcohol coated Nafion membranes						
94	BSH	Jayarama A		Investigation of physical, spectral and thermal properties of a dimethoxy substituted chalcone for opto-electronic device applications		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
95	BSH	RamaPrasad A.T		Electrical transport properties of polyaniline grafted radiation crosslinked chitosan		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
96	BSH	Jayarama A		Optimum hydrogen flowrates and membrane-electrode clamping pressure in		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	

				hydrogen fuel cells with dual-serpentine flow channels						
97	BSH	Jayarama A		Role of UV irradiation of Nafion membranes on ionic groups responsible for proton conduction and mechanical strength: A FTIR spectroscopic analysis		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	
98	BSH	Jayarama A		Improved nonlinear optical absorption mechanism and susceptibility ($\times (3)$) of CdS nanostructured thin films: Role of		iCOLD-2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	

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				zinc doping						
99	BSH	Jayarama A		Effect of Mg on structural, morphologic al and optical properties of Mg-doped V2O5 nanostructu res		iCOLD- 2019		Alva's Institute of Engineering & Technology, Moodabidri, Mangalore, Karnataka, India	Elsevier	