



**Sri Ramakrishna Mission Vidyalaya College of Arts and Science
Coimbatore - 641 020**

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Internal Quality Assurance Cell

3.4. Research Publications and Awards

3.4.4. Books and Chapters Published

LIST OF BOOK PUBLICATIONS

Sl. No.	Name of the teacher	Title of the book / chapters published / Title of the paper	Title of the proceedings of the conference
2020 - 2021			
1	Dr. N. Shunmugom	Vedasathi Angangi Payirchi Sapthadhathu	
2	Dr P.Thirunavukkarasu Dr A.T.Rajamanickam	Solar Panel sun Position tracking using embedded system	International Virtual conference on Innovations in Science and Technology
3	Dr K.Shanmugasundaram Dr K.Dhanakodi	Implementation of dopler Radar Sensor in street light automated system using Microcontroller	International Virtual conference on Innovations in Science and Technology
4	Dr A.T.Rajamanickam Dr P.Thirunavukkarasu Dr K.Shanmugasundaram Dr K.Dhanakodi	Preparation and Characterization of Aluminum doped ZnO thin films by silar	National conference on Innovations in Science and Technology
5	Dr.P.Kuppuraj	A Study On Online Purchasing Behaviours Of The Consumers With Special Reference To Coimbatore City	
6	Dr. P. Senthilkumar	Effect of Yoga with Cricket Skill Training on Selected Physical fitness Variables of District level Cricketers	Synthesis of Traditional Yoga and Modern Science: Solution for the Current Pandemic
7	Dr. P. Senthilkumar	Effect of SAQ with Yoyal Training on Selected Coordinative abilites of college level Cricketers	Synthesis of Traditional Yoga and Modern Science: Solution for the Current Pandemic
8	Dr. P. Senthilkumar	Impact of suryanamaskar training on selected psychomotor variables of college level Cricketers	Synthesis of Traditional Yoga and Modern Science: Solution for the Current Pandemic
2019 - 2020			
1	Dr P.Thirunavukkarasu Dr K.Shanmugasundaram Dr K.Dhanakodi	Characterization of TiO ₂ tin film for Different Annealing Temperature	National Conference on Innovation in electronics and material science
2	Dr.K.Suresh	Strees Coping Straegies of Bank Employess: A Study With Reference to Coimbatore District	-
3	Dr.A.Balagurusamy	A Comparative study on Financial Performance of Select private sector and public sector insurance companies in India	-



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3.4. Research Publications and Awards

3.4.4. Books and Chapters Published

4	G. Balaundar	Effects of yogic practices with resistance training on health related physical fitness and selected bio chemical variables of obese boys	
5	G. Balaundar	Exercise Physiology	
6	P. Senthilkumar	History and Basic Techniques of Cricket – Tamil	
7	P. Senthilkumar	Kalari- Mother of Martial Arts- Tamil	
8	P. Senthilkumar	Effect of yoga training on physical fitness and Batting ability of college level Male cricketers	Yoga for Global Health, Happiness and Harmony
9	S. Rameshkumar	Effect of yogic practices on selected physiological variables Among male type-2 diabetes patients	Yoga for Global Health, Happiness and Harmony
10	S. Rameshkumar Balaundar	G. Effects of selected yogic breathing techniques on selected Physical and physiological variables on inter collegiate Handball players.	Yoga for Global Health, Happiness and Harmony
11	K.K.Hariharasudhan	Smart irrigation system using simple mobile detector circuit	3rd National Conference on Advanced Computing
2018 - 2019			
1	Dr. N. Shunmugom	Sanadhana Dharma Nokkil Udal Valarthaen Uyir Valarthaen	Sanadhana Dharmam
2	Dr. N. Shunmugom	The Science and Spiritualism in Indian Tradition	Sanadhana Dharmam
3	Dr. N. Shunmugom	Basic Concepts of Vethasatthi Medical Varmalogy	
4	Dr. N. Shunmugom	Vedasathi Varma Maruthuvam Adithalangalum Siddhanthangalum	
5	Dr. T. Balamurugan	Iyarkai Neriyum Iraikkolgaiyum	Sanadhana Dharmam
6	Dr. R. Anand	Sanathana Dharmaitthil uir kolammai	Sanadhana Dharmam
7	Dr. R. Gokul	Samooga Nerippaduthalil Oozhiyal	Sanadhana Dharmam
8	Dr. R. Abimanyu	Devara thalangalil Dhaniya pathugaappu	Sanadhana Dharmam
9	Dr. R. Moorthy	Sanadhanathil Thamizhar Vazhipaadu	Sanadhana Dharmam
10	Dr. D. Rajakumar	Pazhanthamizhar Vaazhvum Vazhipaadum	Sanadhana Dharmam



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11	Dr.Chandrasekar	Modern Methods and Innovative Techniques in English Language Teaching for Indian Students	
12	Dr. K.Thirumalaisamy	Smart City and Women Empowerment / Employment Status of Urban Women	
13	Dr. A. Jayaraman	Smart City and Women Empowerment / Challenges Faced by the Aged Women in Coimbatore Municipal Corporation	
14	Dr.P.Jayamurugan	Engineering Physics	
15	Dr.P.Jayamurugan	Frontiers of energy efficient materials & devices	International e-conference on Frontiers of energy efficient materials & devices
16	Dr.P.Jayamurugan	Polypyrrole: Introduction, Chemical synthesis, properties, films, blends and Schottky junction application	
17	A Muruges, Raja	G Inorganic Qualitative analysis (For undergraduate students)	
18	G Raja, A Muruges	Inorganic Chemistry -I (For BSc Students)	
19	G. Raja, J. Ravichandaran	Inhibitive action of aquoes extract from ruelliatuberosal on the corrosion of mild steel in sulphurica acid medium	SERB Sponserd national level conference on advanced material in waste management
20	M. Mohanraj, C. Jayabalakrishanan	Ruthenium (II) Schiff base complex : Synthesis, characterization, DNA interaction and in vitrocytotoxic studies	
21	Dr. A. Chandramohan	Synthesis, grwoth, structural, thermal and microhardness studies of hydrogen bonded organic molecular adduct: 3,5-dimethylprazole: 1,3,5-benzene tricarboxylic acid	
22	M. Saravanabhavan, M. Sekar, J. Chandrasekaran	Crystal structure and third order nonliner optical studies on 2-phenylbenzimidazolium-p-toluenesulphonate	
23	Dr. M. Dhandapani	Desnsity funtional theory studies of 1-methyl-1h-imidazol-3ium-2,4,6 trinitrobenze-1,3bis(olate)	



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3.4.4. Books and Chapters Published

24	Dr. M. Dhandapani	Spectral, Optical, thermal, hirefeld and computational calculations of a new organic crytal, 1h-benzo[d]imidazol-3-,5-dinitrobenzoate (bidb)	
25	M. Saravanabhavan, M. Sekar,	Synthesis, spectroscopic investigations , antioxidants and DNA biding activities of a charge transfer benzimidazole with 4-methylbenze sulphonic acid	
26	B Siva Senthilkumar	A Palladium and copper catalysed synthesis of dihydro [1.2b] indenoondole-9-ol and benzofuro [3,2-b] indolines: metal-controlled intromolecular C-C and C-O bond forming reactions	
27	V Rajapandian	Insilico molecular docking studies of Cobalt (III) - terpyridyl complexes with DNA.	
28	A. Murugesh J. Ravichandaran	Performance of microcarpus hirtus extract on mild steel in 1M HCl	
29	M. Saravanabhavan, M. Sekar	Synthesis of 2-amino-4-picolinium 2-chloro-4-nitrobenzoate single crystals for opto-electronic applications	
30	S. Sathiyaraj, C.Jayabalakrishanan, M. Saravanabhavan	The efficient removal o heavy metal ions from industry effluents using waste biomass as low cost absorbent: thermidynamic and kinetic models	
31	M. Saravanabhavan, M. Sekar	Synthesis, spectral analysis and structural characterization of 2-aminobenzothiazolium-3-carboxy-4-hydroxybenzesulphante	
32	G. Ayyannan, G. Raja	Ruthenium(II) 2-oxo-1,2-dihydroquinoline-3-carbaldehyde thiosemicarbazone complexes: Synthesis, Characterization and DNA binding studies	
33	S. Rameshkumar, V. Balasubramanian	Effect of contrast training on selected physiological and performance related variables among hockey players	Renaissance in sports strategies, Chalanges and Choices
34	S. Rameshkumar G. Balaundar	Physical Education for TRB	
35	S. Rameshkumar G. Balaundar	Infulence of Kayakalpa Yoga Practices on Selected	Role of yoga for health and lifestyle Management



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3.4. Research Publications and Awards

3.4.4. Books and Chapters Published

		Biochemicals among Diabetic men	
36	P. Senthilkumar	Effect of Kalaripayattu training on coordinative abilitessamong inter collegiate cricket players	Role of yoga for health and lifestyle Management
2017 - 2018			
1	Dr. N. Shunmugom	Varmam Chortporul Vilakkam	
2	Dr. N. Shunmugom	Vedasathi Varma Maruthuvam Adipadaikkalvi	
3	Dr. R. Anand	Iyarkai vazhviyal Nokil Ku. Sivaraman padaipukal	Tamizh Iylaikeyangal unairuthum vazhivayalum kalaikoorugalum
4	Dr. R. Anand	Thothavargalin Sadangumuraiyam Arnold vaan Jenap Kottpadum	Tribes of Tamil Nadu; History Society and Culture
5	Dr. R. Anand	Problems in writing Disability among the School Children	Social Responsibility of Educational Institutions in Developing Countries
6	Dr.R Chandrasekar	The consequence of Oral cultural values and Cultural Studies in J.R.R Tolkien's The Lord of The Rings (Trilogy)	The Binding of Literature with Culture
7	Dr.L.Suresh	Transgenderism: Cultural Facts in Ancient Tamil Literature	The Binding of Literature with Culture
8	K.Nandhakumar, A.Thiyagu	Basic English	
9	Dr.L.Suresh	English Grammar for All	
10	Dr.XLX Wilson	Women Empowerment through District Cooperative Banks (DCBs)	
11	Dr.XLX Wilson	Research Methods for Social Science and Management Studies	
12	Dr.S.Velanganni	Management of Cooperative Enterprises	
13	Dr.P.Velusamy	General And Cooperative Audit	
14	Dr.P.Velusamy	Housing Finance Agencies In India	
15	Dr.R.Vasakarajan	Rural and Urban Community Development	
16	Dr.R.Mayilsamy	Buisness Law	
17	Dr.P.Karthikeyan	Urban Coopertive banks in India	
18	Dr.P.Karthikeyan	Dairy Cooperatives in India	
19	Dr. K. Kandappan	A Glimpse of Social Case Work	



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3.4. Research Publications and Awards

3.4.4. Books and Chapters Published

20	Sri J.B. Chandra Sekar	Social Legislation for Social Workers	
21	Sri J.B. Chandra Sekar	Source Book on Working with Groups	
22	Dr. C. Elancheliyan	Basic Elements of Social Work Research	
23	Dr. C. Elancheliyan	NGO Management	
24	Dr. A. Jayaraman	An Overview on Community Organisation	
25	Sri N. Sakthivel	An Idea of Social Action	
26	Dr. K.Thirumalaisamy	Social Responsibility of Educational Institutions in Developing Countries	
27	Dr. S. Muthukumar	Basic Operators in Mathematics	-
28	Dr. S. Muthukumar	Allied Mathematics III	-
29	Dr. M. Akilesh	Allied Mathematics	-
30	Dr. M. Akilesh	A Short Notes on Mechanics	-
31	Dr. M. Sivabalan	CSIR - UGC NET/ JRF / NET Mathematical Sciences Complex Analysis	-
32	Dr.R.Murugesu & Dr.R.Nirmalkumar	Advances in Mathematical Sciences / Approximate Controllability of stochastic integrodifferential inclusions of Sobolev-Type with unbounded delay.	-
33	Dr.R.Murugesu & Dr.R.Nirmalkumar	Advances in Pure and Applied Mathematics / Approximate Controllability of results for stochastic differential equations of Sobolev-Type.	-
34	Dr.R.Suresh	Pure and Metals doped Cerium Oxide thin films: Study their feasibility in diode and solar cell applications	
35	Dr.R.Suresh	Laboratory Manual for Physics Experiments	
36	V. Mohanraj	In Silico Drug Design on Piperine from Black Pepper	
37	Dr. M. Dhandapani	Growth and characterization of metal halide perovskite crystals: Benzyltributyl ammonium tetrachloro manganate(II) monohydrate	Second International Conference on Condensed matter physics
38	Dr. M. Dhandapani	Antibacterial activity of 4-(dimethyl amino) Pyridine-3,5-dinitro benzoic acid.	National Conference on Chemistry of advances



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3.4. Research Publications and Awards

3.4.4. Books and Chapters Published

			materials and its biomedical applications
39	Dr. M. Dhandapani	C-H and C-H Br interaction for the supramolecular assemblies in ethyltriphenyl phosphonium bromide: Hirshfeld surface analysis	National Conference on Chemistry of advances materials and its biomedical applications
40	Dr. M. Dhandapani	Bonding analysis of hydrazobenzene	National Conference on Chemistry of advances materials and its biomedical applications
41	M. Mohanraj, C. Jayabalakrishnan	Design, Synthesis, and Charecterization and Biological evaluation of new Ruthenium (II) hydrazone complexes	National Conference on Chemistry of advances materials and its biomedical applications
42	Dr. M. Dhandapani	Experimental and Quantum chemical studies of a new organic proton transfer compound, imidazoliumstyphnate crystals	National Conference on Chemistry of advances materials and its biomedical applications
43	Dr. M. Sekar	Synthesis and Charecterization of a charge transfer complex: 2-amino pyridinium-4-mentylbenzenesulfonate	National Conference on Chemistry of advances materials and its biomedical applications
44	Dr. M. Dhandapani	Quantum transfer calculations of a molecular adduct, itaconic acid: 2-amino-4,6-dimethyl pyrimidine	National Conference on Chemistry of advances materials and its biomedical applications
45	Dr. M. Dhandapani	Single crystal X-ray diffraction and Hirshfeld surface surface analysis and spectroscopic analysis of p-tolyl-5-oxo pyrrolidine-3-carboxylic acid.	National Conference on Chemistry of advances materials and its biomedical applications
46	Dr.M.Chandran	Crime Intelligent Security Control Robot Investigation System	Research Trends in Computing Technologies ICRTCT-2018
47	Dr.M.Chandran	Cyber Crime Intelligent Security Control Artificial Intelligence Investigation with RFID Using Raspberry Pi3	Impact of Cyber Crime & Security Management in Digital transactions " Issues & Challenges"
48	Dr. S. Rameshkumar	The combined effect of yoga and endurance exercise on body Composition parameters among football players	Yoga for World Peace
49	Dr. S. Rameshkumar	Effect of Yoga Therapy And Progressive Muscle Relaxation on Stress Reduction In Collegiate Women	Yoga for World Peace
50	Dr. S. Rameshkumar, Dr. G. Balaundar	Influence of differnent yogic packages on development of	Yoga for World Peace



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		Physical and physiological variables of college men	
51	P. Senthilkumar	Effects of recreative adapted gadgets training and physical activities on psychomotor abilities among intellectually challenged children.	Modern perspectives of sports science and yoga for the enhancement of sports performance.
52	K.K.Hariharasudhan	A Survey on Thermal Recognition in Biometrics	4th International Conference on Interdisciplinary Research Innovations in Science and Humanities
2016 - 2017			
1	Dr. C. Viswanathan	Thirunaavukarasar Nigazhthiya Arpuithangalum Ariviyalum	Devara Thiruvagasathil Vignanamum Meignanmamum
2	Dr. N. Shunmugom	Vaaniyal - Valinarambu - mozhiyiyal - thanthiga parvayil Kolaru Pathigam	Devara Thiruvagasathil Vignanamum Meignanmamum
3	Dr. T. Balamurugan	Inthezhuthum Ariviyal Unmaiym	Devara Thiruvagasathil Vignanamum Meignanmamum
4	Dr. R. Anand	Nattupura Velaiyattu Nokil Thiruporsunnam	Devara Thiruvagasathil Vignanamum Meignanmamum
5	Dr. R. Anand	Nilagiri Kurumbarkallin panpattu kalaigal	Tamizh Ilakkiyangalil Panpattu pathivugal
6	Dr. R. Anand	Solagar enakuzuvin Panpattu Pathivugal	Tamizh Ilakkiyangalil Panpattu pathivugal
7	Dr. R. Anand	Kurumbarina Makkalein Mooligai Maruthuvam	Nattupura Marabugalum samakala Pokkugalum
8	Dr. R. Anand	Solagar Yenakuzuvin Vazipattu Marabugal	Tamizar Vazipadugal
9	Dr. R. Gokul	Samooga vignana nokkil Sambandhar Selavu	Devara Thiruvagasathil Vignanamum Meignanmamum
10	Dr. R. Gokul	Moovar Dhasakaariyam	
11	Dr. R. Abimanyu	Thiruvagasaga Uvamaiyil Meignanmam	Devara Thiruvagasathil Vignanamum Meignanmamum
12	Dr.J.Chandrasekaran	Recent Trends in Materials Science and Applications / XRD, FT-IR, SEM and Electrical Studies of Li4Mn4.5V0.5O12	
13	Dr. A. Chandramohan	Synthesis, Growth, Strutral and Thermal Charecterization of an Organic Salth Crystal 3.5-Dimethyl pyrazolium-1,5-naphthalenedisulfonate.	National Conference on Advanced Functional Materials and their Appication in Engineering.



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14	G. Ayyannan, M. Mohanraj, G. Raja C. Jayabalakrishnan	Synthesis, Charecterization, and DNA/BSA binding properties of Plladium (II) hydrazone complexes	
15	G. Ayyannan, M. Mohanraj, C. Jayabalakrishnan, G. Raja	Synthesis and Charecterization of Ruthenium (II) Semicarbazone Complexes	
16	G. Ayyannan, M. Mohanraj, C. Jayabalakrishnan, G. Raja	Ruthenium (II) Quinoline Complexes: Synthesis and Charecterization	
17	M. Saravanabhavan, M. Sekar	Synthesis, Charecterization and biological activity of a charge transfer complex: 2- Aminopyridinium-p-toluene sulfonate	
18	G. Ayyannan, M. Mohanraj, C. Jayabalakrishnan, G. Raja	New Ruthenium (II) Complexes containing Hydrazone ligand: Synthesis, Spectral Charecterization, DNA binding and invitro cyctotoxic activity.	
19	M. Saravanabhavan, M. Sekar	Microwave assisted four componenet one-pot condensation reaction: a novel synthesis of pyrido[2,3- a]carbazole derivatives and investigation of its antioxidant properties.	
20	S.Sathiyaraj C. Jayabalakrishnan	Synthesis Charecterization, DNA binding DNA cleavage and invitro anticancer activity of Ruthenium (III) Schiff base complexes.	
21	C. Jayabalakrishnan	Cytotoxic activity of Ruthenium Complexes Contaning Schiff base and Non Schiff base ligands.	
22	S. Sathiyaraj , C. Jayabalakrishnan	Synthesis and Charecterization of Algae-Nano Cobalt Ferrite composite for removal of heavy metal and dyes from aqueous solution.	
23	M. Saravanabhavan M. Sekar	DNA Binding studies through Electronic Absorbtion and electrochemical method: Structural elucidation, thermal and hardness charecterization of 2-methyl imidazolium3- nitrophthlate	
24	S. Kathiravan, R. Ragul, J. Ravichandran	A study on the inhibition of mild steel corrosion in hydrochloric acid by methanol extract of leaves of solanum torvum.	



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25	A. Chandramohan	Synthesis, Growth and structural Characterization of NLO Active organic salt crystal: 3,5-Dimethyl pyrazolium-3-nitrophenolate	
26	J. Ravichandran	Corrosion Inhibition of mild steel by the fresh juice of spermacoce hispida leaves	
27	Dr.V.Vijayaganesh	A Text Book Of Indirect Tax (including GST)	
28	P. Senthilkumar	Effect of kalaripayattu training on physical fitness variables among inter collegiate cricket players	Road Map to 2020 Olympics
29	Dr. S. Rameshkumar ,G. Balaundar	Assess the cardio respiratory efficiency of the junior boys at Different times of the day	Road Map to 2020 Olympics
30	Dr.R. Chandrasekar, Dr.L.Suresh	Role of ICT in Language Learning	Current Issues in Teaching and Learning English
31	K.Mahalingam	Methods of Teaching English	Current Issues in Teaching and Learning English
32	Dr. R. Chandrasekar	Using Role Play method of Teaching in the Translated work of Grish Karnad's Nagamandala	Current Issues in Teaching and Learning English
33	Dr. R. Chandrasekar	Using Total Physical Response Method to enhance Teaching and Learning English	Current Issues in Teaching and Learning English
34	U.Arun Bharath	Silent way method in Teaching English as a second Language	Current Issues in Teaching and Learning English
35	K.Mahalingam	Suggestopedic Second Language Learning	Current Issues in Teaching and Learning English
36	P. Yuvaraj C.Palanisamy	Fundamentals of Mathematics (Volume 1)	
37	Dr. P. Thirunavukkarasu, Dr. T. Balamurugan, Dr. R. Gokul	Value Education	




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