



Nallamuthu Gounder Mahalingam College

(An Autonomous Institution, Affiliated to Bharathiar University)

90, Palghat Road, Pollachi - 642001, Coimbatore, Tamil Nadu, India.

95th Rank in NIRF – 2023 - Among Colleges in India.



CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.7.1 : COLLABRATIVE RESEARCH DURING 2021-2022

COLLABRATIVE RESEARCH DURING 2021-2022							
Title of paper	Name of the author/s	Name of the Institutions/ Corporates	Department of the teacher	Name of journal	Year of publication	ISSN number	
Synthesis, spectral characterization, protein binding and cytotoxic evaluation of new cobalt(II) and cobalt(III) complexes containing benzimidazolylterpyridine as ligand	Ramasamy Indumathy, Pathi nathan Senthil, Giriraj Kalaierasi, Gopal Sathyaraj & Varadarajan Uma	*Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi, India. **Department of Chemistry, Karpagam Academy of Higher Education (Deemed to be University), Coimbatore, India, *** India Centre for Analysis, Testing, Evaluation & Reporting Services (CATERS), CSIR-Central Leather Research Institute, Adyar, Chennai, India, ****Department of Chemistry, Presidency College, Chepauk, Chennai, India	Chemistry	Journal of Coordination Chemistry	2022	Print ISSN: 009 5-8972 Online ISSN: 102 9-0389	View
The Role of Workshops on Psychological Adaptability for Early		*Associate Professor, University Institute of Media Studies, Chandigarh University **Assistant Professor, Amity University Rajasthan, Jaipur, Rajasthan	Commerce	International Journal of Early Childhood Special Education (INT-JECSE)	2022	ISSN: 1308-5581	View

childhood special education	Dr. Chanchal Sachdeva, Suri1Dr. Neharshi Rajasthan, Srivastava2,S.Ponshylaja,Dr.B. indira Priyadharishini	***Research Scholar (Clinical Psychology), Amity University Rajasthan, Jaipur, Rajasthan Assistant Professor, Department of Commerce (e-commerce), Nallamuthu Gounder Mahalingam College, Pollachi , Tamilnadu					
Various coordination behavior of coumarin appended Schiff bases towards Ruthenium(II) ion: Synthesis, spectral characterization and biological evaluation	Ramasamy Indumathy,Pathi nathan Senthilrajkapoor ,Giriraj Kalaierasi,Gopal Sathyaraj &Varadarajan Uma	*Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi, India, **Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi, India, ***Department of Chemistry, Karpagam Academy of Higher Education (Deemed to be University), Coimbatore, India, ****Centre for Analysis, Testing, Evaluation & Reporting Services (CATERS), CSIR-Central Leather Research Institute, Adyar, Chennai, India, *****Department of Chemistry, Presidency College, Chepauk, Chennai, India	Chemistry	Inorganic Chemistry Communications	2022	Print ISSN: 1387-7003 Online ISSN: 1879-0259	View
A correlative study on electrochemical and optical properties of LLZO (Li7La3Zr2O12) garnet	Ajith K. , Christopher Selvin P Abhilash K.P. , Sivaraj P , Nalini B. , Soundarya G.G.	*Luminescence and Solid State Ionics Lab., Department of Physics, Bharathiar University, Coimbatore 641046, India, **Nano Energy Materials (NEMs) Laboratory, Herbert Gleiter Institute of Nanoscience (HGI), Nanjing 210094, China, ***Materials Research Centre, NGM College, Pollachi, Coimbatore 642001, India, ****Department of	Physics	Materials Today Proceedings	2022	2214-7853	View

		Physics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore 641043, India,					
Mg-ion conducting electrolytes based on chitosan biopolymer host for the rechargeable Mg batteries	P. Adlin Helen , P. Perumal , P. Sivaraj , M. Infanta Diana , P. Christopher Selvin	*Luminescence and Solid State Ionics Laboratory, Department of Physics, Bharathiar University, Coimbatore 641046, India, **Materials Research Center, Department of Physics, NGM College, Pollachi 624001, India.	Physics	Materials Today: Proceedings	2022	2214-7853	View
Synthesis and luminescence properties of Na ⁺ , Li ⁺ compensated Er ³⁺ doped CaAl ₄ O ₇ phosphors	A. Suresh Kumar , R. Arun Kumar , and R. Vijayakumar	*Department of Physics, Nallamuthu Gounder Mahalingam College (NGMC), Pollachi, Coimbatore, 642 001, India. *Department of Physics, School of Sciences, National Institute of Technology, Andhra Pradesh, Tadepalligudem, 534 101, India, Muthayammal Centre for Advanced Research (MCAR), Muthayammal College of Arts and Science, Namakkal District, Tamilnadu, India	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	View
3.2% efficient cadmium free Cu ₂ ZnSnS ₄ /ZnO solar cells fabricated using solvothermally synthesized nanoparticles	A. G. Kannan, T. E. Manjulavalli1, M. Thambidurai, K. Habeeba and D. V.Ezhilarasi GnanaKumari	*Department of Physics, Nallamuthu Gounder Mahalingam College, Pollachi 642001, Tamil Nadu, India. ** Energy Research Institute @NTU (ERI@N), Research Techno Plaza, X-Frontier Block, Level 5, 50 Nanyang Drive, 637553, Singapore ***LUMINOUS! Centre of Excellence for Semiconductor Lighting and Displays, School of Electrical and Electronic Engineering ****The Photonics Institute (TPI), Nanyang Technological University,	Physics	IOP Conf. Series: Materials Science and Engineering	2022	1757-899X	View

		50 Nanyang Avenue, 639798, Singapore					
Analysis on down converting Sm ³⁺ -incorporated TiO ₂ mesoporous nanostructures for DSSC applications	S. Yogeswari, P. Sivaraj, K. Somasundaram, A. Karuppasamy, V. Sudarsan, P. Christopher Selvin, Xia Hui, and K. P. Abhilash	*Materials Research Center, Department of Physics, Nallamuthu Gounder Mahalingam College (Bharathiar University), Coimbatore, India **Solid State Ionics and Luminance Laboratory, Department of Physics, Bharathiar University, Coimbatore, 642046, India ***Department of Physics, Sree Saraswathi Thyagaraja College, Pollachi, 642107, India, ****Key Laboratory of Soft Chemistry and Functional Materials of MOE, School of Chemical Engineering, Nanjing University of Science and Technology, Nanjing, 210094, China, *****Chemistry Division, Bhabha Atomic Research Centre, Trombay, Mumbai, 400085, India, Herbert Gleiter Institute of Nanoscience, Nanjing University of Science and Technology, Nanjing, 210094, China, Herbert Gleiter Institute of Nanoscience, Nanjing University of Science and Technology, Nanjing, 210094, China *****Department of Inorganic Chemistry, University of Chemistry and Technology Prague, Technicka-5, 166 28, Prague 6, Czech Republic	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	View
A Study on Profitability of Selected Public Sector Banks in India	Dr. S. Shanthakumari & S.Kokilavizhi	*Associate Professor, Department of Commerce, Sree Saraswathi Thyagaraja College, Pollachi **Assistant Professor, Department	Commerce	Journal of Education: Rabindrabharati University	2021	0972-7175	View

		of Commerce (SF), Nallamuthu Gounder Mahalingam College, Pollachi, Tamilnadu					
Comparative Study On Performance of Public Sector and Private Sector Banks of India – An Empirical Analysis	Dr. S. Shantha S.Kokilav	*Associate Professor, Department of Commerce, Sree Saraswathi Thyagaraja College, Pollachi **Assistant Professor, Department of Commerce (SF), Nallamuthu Gounder Mahalingam College, Pollachi, Tamilnadu	Commerce	Shodhsamhita : Journal Of Fundamental & Comparative Research	2021	2277-7067	View
LONG TERM SOLVENCY ANALYSIS OF SELECT PASSENGER	Ms.G.Nith Dr.K.Chella	*Assistant Professor, Department of Commerce (SF), Nallamuthu Gounder Mahalingam College, Pollachi, Tamilnadu ** Assistant Professor, Department of Commerce, Government Arts College, Coimbatore. Tamilnadu	Commerce	Shodh Saritha	2021	2348-2397	View
Information Seeking Behaviour of Individual Equity Investors with Special Reference to Coimbatore District	Dr.C.KothaiAnda I and Dr.D.Padma	*Assistant Professor, Department Of Commerce, Sree saraswathi thyagaraja college, **Associate Professor, Department of Commere, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore District, Tamil Nadu	Commerce	NIU International Journal of Human Rights	2021	ISSN: 2394 – 0298	View
Impact of Socio-Economic Profile on Household Borrowing Behaviour	Dr.T.Maheshw Dr.D.Padma	*Assistant Professor, Department Of Commerce, Sree saraswathi thyagaraja college, **Associate Professor, Department of Commere, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore District, Tamil Nadu	Commerce	Kanpur Philosophers	2021	ISSN 2348-8301,	View
Infrastructure & Infrastructural facilities of state of indian multi model transportation	Dr.P.Gurusamy & Dr. A. Nagalaxmi	*Associate Professor, Department of Commere, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore District, Tamil Nadu ** Assistant Professor Suguna	Department of Commerce	vichaara , an international journal of management/ 3	2021	ISSN : 23474726 (online) ISSN: 2347-	View

sectors in marine trade - an analytical study		College of Arts and Science, Coimbatore				4076(print t)	
Collaborative							
Collaborative Institution	Collaborative Activities	Date of Activities	Link				
Pentagon I Runway Pvt. Ltd. Sri Lanka	National Level Seminar	8. 10.21	View				