



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 VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.5.3 Institution has adopted the following for Quality assurance:

Collaborative quality initiatives with other institution(s)

COLLABRATIVE RESEARCH DURING THE LASY YEAR - 2022-2023							
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	Link to Relevant Doc.
Oscillation of Even-Order Nonlinear Difference Equations with an Advanced Argument	S. R. Grace and S. Kaleeswari	*Department of Engineering Mathematics Faculty of Engineering, Cairo University, Orman, Giza 12221, Egypt. ** Department of Mathematics Nallamuthu Gounder Mahalingam College, Pollachi-642 001, Coimbatore District, Tamil Nadu, India	Mathematics	Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis 30 (2023) 243-251 Copyright ©2023 Watam Press	2023	1201-3390	view
Entrepreneurship awareness and attitude among the College students: An empirical study	Dr. T. S. Kavitha & Dr. C. Hariharan	*Associate Professor in Commerce, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore Dist, Tamilnadu. **Assistant Professor, Department of Management Studies, Nehru Institute of Technology, Coimbatore, Tamilnadu	Commerce	The Ciência & Engenharia - Science & Engineering Journal (SEJ)	2023	0103-944X	View

Factors Affecting Entrepreneurial Intention Of Students: An Empirical Study Of Coimbatore District	Dr.T.S.KAVITHA & Mr. A. Vijayakumar	*Associate Professor in Commerce, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore Dist, Tamilnadu **Assistant Professor, School of Commerce, Nehru Arts and Science College, Coimbatore District, Tamilnadu.	Commerce	International Journal of Research and Analytical Reviews	2023	2348-1269	View
A Quantum Chemical and Nonlinear Optical Investigation on L-Tryptophan Hydrochloride Single Crystals for Optoelectronic Device Applications	A. Mohamed Ibrahim, S. Arunachalam, , J. Suryakanth , M. Velayutham Pillai	*Assistant Professor, Department of Chemistry, Hindusthan college of Engineering and Technology, Coimbatore **Assistant Professor, Department of Electrochemistry Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai *** Assistant Professor, Department of Physics, KPR Institute of Engineering and Technology, Coimbatore ****Assistant Professor in Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore Dist, Tamilnadu	Chemistry	International Research Journal of Multidisciplinary Technovation	2023	2582-1040	View
Phytoconstituents from the leaves of Ageratina adenophora (Sprengel) and their pharmacological activities	M. Karthigaipriya & K.Poonkodi	* Assistant Professor Department of Chemistry, Karpagam College of Engineering, Mayileripalayam, Coimbatore. **Assistant Professor in Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore Dist, Tamilnadu	Chemistry	Research Article	2023	12258-12271	View
New Criteria On The Oscillatory Behaviour Of Second Order Nonlinear Differential	Said R. Grace, John R. Graef, and S. Kaleeswari	*Department of Engineering Mathematics, Faculty of Engineering, Cairo University, Orman, Giza, EGYPT **Department of Mathematics	Mathematics	Mathematical Publications	2023	ISSN 12103195	View

Equations With Mixed Neutral Term		University of Tennessee at Chattanooga, Chattanooga, TN, USA *** Department of Mathematics, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore District, Tamil Nadu					
A Comparative Study of Various Dth Service Providers	Dr. M. Nithya 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	SOUTH INDIA JOURNAL OF SOCIAL SCIENCES	2023	ISSN: 0972 – 8945	View
A Study on Customer Attitude and Preference on Dth Service Providers	Dr.M.Nithya 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	RABINDRA BHARATI UNIVERSITY JOURNAL OF ECONOMICS	2023	ISSN : 0975- 802X	View
Role of EDI EXIM Documentation in shipping Industry-An Analytical Study	Dr.P.Gurusamy &Dr. Reshmi A. Rajan	*Associate Professor, Department of Commere, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore District, Tamil Nadu ** Assistant Professor, Kumaraguru College of Liberal Arts and Science, Coimbatore, Tamilnadu, India.	School of Commerce	Journal of Interdisciplinary Cycle Research	2023	ISSN NO: 0022- 1945	View
Synthesis and characterization of NiO nanoparticles using Sesbania grandiflora flower to evaluate cytotoxicity	Dr. S. Dharani, Dr. V. Nithya, Dr. R. Indumathy,	*Department of Chemistry, Bharathiar University, Coimbatore, 641046 India, **Department of Animal Health and Management, Alagappa University, Karaikudi, 630003 India, Centre for Material Chemistry, Karpagam Academy of Higher Education (Deemed to be University), Coimbatore, 641021 India	Chemistry	Results in Chemistry	2023	2211- 7156	View

		***Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore,642001 India					
Cobalt (II), Nickel (II) and Palladium (II) complexes appended terpyridine-based ligand: Synthesis, spectral characterization, anticancer activity and apoptosis investigation	Pathinathan Senthilraj kapoor, Ramasamy Indumathy, Sivadasi, Vincent M. Lynch, Gopal Sathiyaraj	*Department of Chemistry, Nallamuthu Gounder Mahalingam College, Coimbatore, India, **Department of Chemistry, Karpagam Academy of Higher Education (Deemed to be University), Coimbatore, India, ***Department of Chemistry, Nallamuthu Gounder Mahalingam College, Coimbatore, India ****Department of Chemistry, Bharathiar University, Coimbatore, India	Chemistry	Applied Organometallic Chemistry	2023	1099-0739	View
Transition metal catalyst free and Single-step synthesis of Significant Thiosemicarbazones via oxidative Coupling Strategy	Dr. S. Dharani, Dr. V. Nithya, Dr. R. Indumathy,	*Department of Chemistry, Bharathiar University, Coimbatore, 641046 India, **Department of Animal Health and Management, Alagappa University, Karaikudi, 630003 India, Centre for Material Chemistry, Karpagam Academy of Higher Education (Deemed to be University), Coimbatore, 641021 India ***Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore, 642001 India	Chemistry	Chemistry Select	2023	2365-6549	View
Effect of pH on the morphology of TiO ₂ nanostructures	R. Vasanthapriya, N. Neelakandeswarib,* , K.	Department of Physics, Sri Ramakrishna Engineering College, Coimbatore - 641022, Tamilnadu, India Department of Chemistry, Nallamuthu Gounder Mahalingam	Chemistry	Digest Journal of Nanomaterials & Biostructures (DJNB)	2023	1842-3582	View

	Uthayarana , M. Chitraa	College, Pollachi 642 001, India					
Parthenium Hysterophorous Flower template assisted SnO2 Nanostructure as photoanode for Dye Sensitized Solar cell	Vasanthapriya R , Neelakandesw ari N , Uthayara ni K , Chitra M	*&***&****Sri Ramakrishna Engineering College ** Assistant Professor, Nallamuthu Gounder Mahalingam College	Chemistry	Chemical Physics Impact	2023	2667- 0224	View
Synthesis, characterisation and ethanol sensing applications of MoO3 – MoO2 nanostructures at room temperature	D. Sudhaa , K. Uthayarana,* , N. Neelakandeswar ib , K. Jeyadheepanc , M. Chitraa	* Department of Physics, Sri Ramakrishna Engineering College, Vattamalaipalayam, Coimbatore 641022, India ** Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi 642 001, India ***School of Electrical and Electronics Engineering, SASTRA University, Tirumalaisamudram, Thanjavur 613 401, India	Chemistry	Digest Journal of Nanomaterials & Biostructures (DJNB)	2023	1842- 3582	View
Influence of dilution and addition of soda water on the corrosion resistance of orthodontic wires immersed in artificial saliva in presence of copper barrel, a hard drink.	Suvakeen Amala Doss Hebciba Marya, Kavipriya Karunaivelb, Vadivelan Senthilb, Ratthika Anuc, Vidhya Thammanana, Jerleen Sindhuja Arulanandama, Anitha Nilavana, Srinivasan Ramasamyd, Rajendran	*St Antony's College of Arts and Sciences for Women, Research Centre, PG Department of Chemistry, Amala Annai Nagar, Tamaraipadi, Dindigul, (Affiliated to Mother Teresa Women's University, Kodaikanal), Tamilnadu, India **PSNA College of Engineering and Technology, Department of Chemistry, Dinidgul, India ***St Antony's College of Arts and Sciences for Women, Research Centre, PG Department of Chemistry, Amala Annai Nagar, Tamaraipadi, Dindigul, (Affiliated to Mother Teresa Women's University,	Chemistry	Zastita Materijala	2023	ISSN: 0351- 9465 E- ISSN: 2466- 2585	View

	Susaie, Gowrani Thiruvengkadamf	Kodaikanal), Tamilnadu, India ****Tamilnadu State Council for Science and Technology, Dote campus, Chennai, India, *****St Antony's College of Arts and Sciences for Women, Research Centre, PG Department of Chemistry, Amala Annai Nagar, Tamaraipadi, Dindigul, (Affiliated to Mother Teresa Women's University, Kodaikanal), Tamilnadu, India + Pondicherry University, Centre for Nanoscience and Technology, Puducherry, India, ***** Nallamuthu Gounder Mahalingam College, Department of Chemistry, Pollachi, India					
Electrochemical Studies on the Corrosion behaviour of Gold 18K and Thermo active alloy in artificial sweat in presence of sodium chloride	Gowrani Thiruvengkadam a, Anitha Nilavanb, Dhana lakshmi Marimuthuc, Aishwarya Subramanic, Subashini Mary Alexisc, Flori Jenifer Francisc, Nithiya Shree Baluc, Singh Gurmeetd, Al Hashem Abdulhameede, Rajendran Susaif	*Nallamuthu Gounder Mahalingam College, Department of Chemistry, Pollachi, Tamil Nadu, India, **St. Antony's College of Arts and Sciences for Women, (Affiliated to Mother Teresa Women's University). ***Department of Chemistry, Corrosion Research Centre, Kodaikanal, India,PSNA College of Engineering and Technology, ****Department of Chemistry, Dindigul, India,MV Muthiah Government Arts College for Women, *****Department of Chemistry, Dindigul, India,Kuwait Institute for Scientific Research, Petroleum Research Centre, Kuwait *****St. Antony's College of Arts and Sciences for Women, (Affiliated	Chemistry	Zastita Materijala	2023	ISSN: 0351-9465 E-ISSN: 2466-2585	View

		to Mother Teresa Women's University). Department of Chemistry, Corrosion Research Centre, Kodaikanal, India + Pondicherry University, Centre for Nanoscience and Technology, Puducherry, India					
Synergistic impact of cationic surfactants on the performance of ZTO for supercapacitor applications	Davidthomas Vic Ezhilarasi Gnani Thirumala Esvaramoorthy M Kajamohideen Annapoornam Kannan, Sakuntha , Gokul Go	*Department of Physics, Nallamuthu Gounder Mahalingam College, Pollachi, Tamil Nadu, India. **Department of Applied Physics, Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu, India,	Physics	Materials Today Proceedings	2023	2214-7853	View
Exploration and study on the influence of Zinc substituted Barium Stannate (BaSnO ₃) nano powders for ammonia sensing applications	K. Habeeba, T.E. Manjulavalli, Ezhilarasi D V, A.G. Kannan R.T Rajendrakumar, K. Muthumalai	*Department of Physics, Nallamuthu Gounder Mahalingam College, Pollachi, Tamil Nadu, India. **Advanced Materials and Devices Laboratory, Department of Nanoscience and Nanotechnology, Bharthiar University, Coimbatore, India	Physics	Materials Today Proceedings	2023	2214-7853	View
Anticorrosion behavior of bioemulsions on metal-environment interface	Geetha , B. Selvakumar, M. Velayutham Pillai , S. Arunachalam	*Department of Chemistry, Kalasalingam Academy of Research and Education, Srivilliputhur 626126, India **Department of Physics, Sri Eshwar College of Engineering, Coimbatore, Tamil Nadu 641023, India ***Department of Chemistry, Nallamuthu Gounder Mahalingam College Pollachi, Tamil Nadu	Chemistry	Elsevier	2023	2211-7156	View

		642001, India ****Department of Electrochemistry, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai 602105, India					
Synthesis, spectral characterization, protein binding and cytotoxic evaluation of new cobalt(II) and cobalt(III) complexes containing benzimidazolylterpyridine as ligand	Ramasamy Indumathy, Pathinathan 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: 0095-8972 Online ISSN: 1029-0389	View
The Role of Workshops on Psychological Adaptability for Early childhood special education	Dr. Chanchal Suri Dr. Neelam Srivastava Dr. S. Porindira Priyad	*Associate Professor, University Institute of Media Studies, Chandigarh University **Assistant Professor, Amity University Rajasthan, Jaipur, Rajasthan ***Research Scholar (Clinical Psychology), Amity University Rajasthan, Jaipur, Rajasthan ****Assistant Professor, Department of Commerce (e-commerce), Nallamuthu Gounder Mahalingam College, Pollachi, Tamilnadu	Commerce	International Journal of Early Childhood Special Education (INT-JECSE)	2022	ISSN: 1308-5581	View
Various coordination behavior of coumarin appended Schiff	Ramasamy Indumathy, Pathinathan	*Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi, India,	Chemistry	Inorganic Chemistry Communications	2022	Print ISSN: 1387-	View

bases towards Ruthenium(II) ion: Synthesis, spectral characterization and biological evaluation	Senthilrajkapoor ,Giriraj Kalaifarasi,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, ****Centre for Analysis, Testing, Evaluation & Reporting Services (CATERS), CSIR-Central Leather Research Institute, Adyar, Chennai, India, *****Department of Chemistry, Presidency College, Chepauk, Chennai, India				7003 Online ISSN: 1879-0259	
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, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore 641043, India,	Physics	Materials Today Proceedings	2022	2214-7853	View
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. Manjulavalli, 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, 50 Nanyang Avenue, 639798, Singapore	Physics	IOP Conf. Series: Materials Science and Engineering	2022	1757-899X	View

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	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	View
---	--	---	---------	--	------	-----------	----------------------




PRINCIPAL (i/c)

Dr. R. MANICKA CHEZIAN M.Sc., M.S., Ph.D.
 PRINCIPAL i/c
 Nallamuthu Gounder Mahalingam College
 Pollachi - 642 001, Coimbatore District