



# MUSLIM ARTS COLLEGE

A Muslim Minority Institution - Estd 1982  
 Affiliated to Manonmaniam Sundaranar University, Tirunelveli, Recognized u/s 2(f) & 12(B) of UGC Act.  
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Sl.No	Name of the author/s	Department of the teacher	Title of paper
<b>2018-2019</b>			
1	Dr.T.G.Seema Gopal	History	Role of Maruthu Brothers in Sivagangai
2	Dr.N.Yasmin	Zoology	Biochemical constituents of four different mulberry varieties
3	Dr.T.Kumaran	Zoology	Effect of selected antiviral herbal extract supplemented diet against shrimp white spot syndrome virus (WSSV)
4	T.Kumaran	Zoology	Production of the Rapeutic EGG YOLK Antibodies in gallus Domesticus and their potential
5	Dr.J.Lali Ethaz	Tamil	Neethi Noolkal valiyuruthum Ilvalkai Nerikal
6	Dr.D.Merlin Mini	Tamil	Purananootil valviyal Aram
<b>2019-2020</b>			
7	Dr. V Asha Kumari	English	Otherness: An Insight Into Rohinton Mistry's A Fine Balance
8	Dr. V Asha Kumari	English	Self Realization : A Critique of Herman Hesse's Siddharta
9	Dr. V Asha Kumari	English	A Study on Womanism Validation of Black Feminist Voice in Alice Walker's The Temple of My Familiar
10	Dr. V Asha Kumari	English	Harmony with Nature: A Study of Nature Symbols in Chimamanda Ngozi Adichie's Purple Hibiscus
11	T. Joselin Beaula	Physics	Quantum chemical calculations, structural, spectral and nonlinear optical investigations of a novel crystal N,N'-diphenylguanidium 3,5-dichlorobenzoate
12	T.Kumaran	Zoology	Evaluation of Antimicrobial Activity (In-vivo and In-vitro) and phytochemical analysis of crude extract from alotropis procera against Vibrio harveyi
13	T.Kumaran	Zoology	Evaluation of the Ascidiens diversity distribution mapping in vzhinjam bay
14	Dr.Y.Rani	Tamil	Kurinchinila Unavum Marabum
15	Dr.J.Lali Ethaz	Tamil	Sankakala kavithaikal kattum sinthanaikal
16	Dr.N.R.Shibaja	Tamil	Devarathil Aynthinai valvum Akaporul Nerium
17	Dr. V. Rejulin Jerin Kumar	English	Cultural Oppression in Chinua Achebe's <i>No Longer At Ease</i>
18	Dr. V. Rejulin Jerin Kumar	English	Construction of Social Identity in Mahasweta Devi's <i>Bayen</i>
19	Dr. V Asha Kumari	English	Responding to Challenge: Feminist Perspective in Chimamanda Nagozi Adichie's <i>Half of a Yellow Sun</i>
20	Dr. V Asha Kumari	English	The Voice of the Nagas in Easterine Kire's <i>Bitter Worm Wood</i>
21	Dr. D.Radharemanan Pillai	English	Assessing the Role of Differentiated Instruction in English Language Teaching: A Study Review on Adaptive Learning
22	Dr. D.Radharemanan Pillai	English	Cognitive Approach of Using Code- Switching For the Monoculture Students with English as a Second Language
23	Ramani Bai M.	Zoology	Developmental impairment and oviposition deterrence in <i>Callosobruchus maculatus</i> (F.) infesting <i>Vigna radiata</i> upon treatment with five different plant products
24	Dr.J.Lali Ethaz	Tamil	Sanka kavithaikal Pesum Aarukalin Sirappu
25	Dr.Y.Rani	Tamil	Akananooru Kurum sirappiyavukal
26	Dr.V.Genitha Vins	Tamil	Akananootil Ulaviyal
27	Dr.T.Mini	Tamil	Purananootil Neer Nilaikal
28	Dr.N.R.Shibaja	Tamil	Valviyal Sinthanaikal kurum Sirupanattupadai
29	Dr. H. Sabeena Farveen	COMMERCE	A study on consumer perception towards Eco-Friendly products in kanyakumari district
30	Dr.D.Merlin Mini	Tamil	Sankakala makkalin Unavukal
<b>2020-2021</b>			
31	Dr. H. Sabeena Farveen	COMMERCE	Determinants of investment behaviour-a study with special reference to government higher secondary school teachers in thiruvanthapuram district
32	Dr.M.Jagathish	COMMERCE	a study on the impact of crude oil price change on the natural rubber industry in india
33	V. Anitha Kumari	Mathematics	A Mathematical study on Q-Fuzzy Normal Subgroups
34	V. Anitha Kumari	Mathematics	Total Domination number in Graphs and Graph Modifications
35	V. Anitha Kumari	Mathematics	Markov Switching Autoregressive Model for Sugar Production
36	V. Anitha Kumari	Mathematics	Fuzzy Time Series Method for Forecasting Power Generation Data

37	J.Vijila Jasmin	Zoology	Phytochemical screening and immunostimulant efficiency of selected medicinal plant extracts against white spots syndrome virus
38	T.Kumaran	Zoology	Screening and characterization of Antibacterial compounds from selected south indian medicinal plants
39	T.Kumaran	Zoology	effect of Immunostimulant Annona Muricata extract against white spot syndrome virus infection
40	Dr. T.Renisheya Joy Jeba	Nutrition and Diet	In vitro Phyto chemical and pharmacological bioefficacy studies on <i>Azadirachta indica</i> A. Juss and <i>Melita azeedarach</i> Linn for anticancer activity
41	Dr.J.G.Joney Jeba Malar	Tamil	Moontampalina Ilakiya varalarum Puthumai Sinthanaikalum
42	Dr.J.Lali Ethaz	Tamil	Sadankugal Nampikaikal
<b>2021-2022</b>			
43	Dr. V. Rejulin Jern Kumar	English	Freedom and Justice: A Post-colonial Analysis of Ayi Kwei Armah's <i>Fragments</i>
44	Dr. V. Rejulin Jern Kumar	English	The Subjugation of Women in Chinese Culture: A Study of Pearl s Buck's <i>The Good Earth</i>
45	Dr. V. Rejulin Jern Kumar	English	Psycho Social Analysis in Richard Wright's <i>Savage Holiday</i>
46	Dr.T.G.Seema Gopal	History	P. Krishna Pillai as a Congress Worker
47	Dr.T.G.Seema Gopal	History	Muppandal Esakkiamman Temple
48	Dr.T.G.Seema Gopal	History	L.M.S. Endeavours Towards Liberation of Women in South Travancore Through Education
49	Dr. G. Pushparaj	History	Social Legislation of Gowri Lakshmi Bai
50	Dr. Asha Kumari	COMMERCE	Role of Human Resource Management :A study of Private hospitals in Kanyakumari District
51	Dr.M.Jagathish	COMMERCE	a study on the role of E Commerce in the pharmaceutical industry
52	A. Rathika,	Physics	"Studies on 4-dimethylaminopyridinium salicylate monohydrate's optical, mechanical, and laser damage threshold"
53	A. Rathika	Physics	"Organic Piperazine P-nitrophenol (PPN) single crystal growth and characterization"
54	A.Rathika	Physics	"Insights into weak and interactions, reactivity sites and pharmacokinetic studies of 4-dimethylaminopyridium salicylate monohydrate using quantum chemical computation method"
55	M.Ramani Bai	Zoology	Feeding preference and reproductive fitness of <i>Rhyzopertha dominica</i> (F.) in a choice-based feed paradigm
56	M.Ramani Bai	Zoology	Automatic detection and counting of <i>Callosobruchus maculatus</i> (F.) Eggs on <i>Vigna radiata</i> Seeds, using ImageJ
57	T.Kumaran	Zoology	Phyto chemical composition and In vitro antibacterial activity of turkey (solanumtorvum) berries extract against bacillus subtilis
58	T.Kumaran	Zoology	Nutritional analysis and antimicrobial activity of fermented rice water
59	Dr.M.Thilsath Fatima Qur	Zoology	Studies on the impact of tender, middle and mature leaves on the mandible size and economic traits of <i>Bombyx mori</i> L.
60	T.Sherin Mary	Nutrition and Diet	Nutritional analysis and antimicrobial activity of fermented rice water
61	Dr.P.Raajan	Computer Science	Segmentation Techniques for Guava Leaf Disease Detection and Classification
62	Dr.T.Mini	Tamil	Thiruvattar Athikesava Perumal kovai vadivam
63	Dr.T.Mini	Tamil	Purananuril Nadukal Valipadu
64	Dr. H. Sabeena Farveen	COMMERCE	A Review on the SCHEMES OF THE FINANCIAL INCLUSION PLAN OF INDIA (WITH reference to southern region of Tamilnadu
65	Dr. H. Sabeena Farveen	COMMERCE	an empirical study on the motivating factors for the remittance of premium for pradhan manthri jeevan jyothi BIMA Yojana in tamilnadu
66	Dr.A.Safia	COMMERCE	A Study on the problems and challenges faced by micro small and medium enterprises:special refernce to manufacturing sector in thiruvananthapuram
67	Dr.A.Safia	COMMERCE	STUDENTS PERCEPTION TOWARDS USAGE OF DIGITALISED ELECTRONIC TOOLS IN COMMERCE EDUCATION
68	Dr . Asha Kumari	COMMERCE	A Study on Challenging factors of women Entrepreneurs in Retail Business in Kerala
69	Dr. Asha Kumari	COMMERCE	Impact of Human Resource management on the performance of employees of private hospitals in kanyakumari district
70	Dr. Asha Kumari	COMMERCE	a study on factors of employees job satisfaction and human resource management in the information technology industry in kanyakumari district
71	Dr.M.Jagathish	COMMERCE	a study on the problems faced by the rubber former of kerala
72	Dr.Mohamed Siddique	COMMERCE	A methodological study on rationale to green initiatives of IT companies at TECHNO PARK, Kerala
73	Dr.Mohamed Siddique	COMMERCE	a study on the impact of gst towards consumer durable goods with reference to trivandrum city
74	Dr.Mohamed Siddique	COMMERCE	the impact E Governance in public utility service sector in kerala
75	A.Rathika,	Physics	"Exploring the antibacterial activity of 1,2 diaminoethane hexanedionic acid by spectroscopic, electronic, ELF, LOL, RDG analysis and molecular docking studies using DFT method"

76	A.Rathika,	Physics	"Computational Insights on Charge Transfer and Non-Covalent Interactions of Antibacterial Compound 4-Dimethylaminopyridinium Pyridine-2-Carboxylate Pentahydrate
77	A.Rathika	Physics	"Consequence of Proton Transfer and Hydrogen Bonding Interactions on the Molecular, Vibrational and Biological Properties of the Novelty Synthesized Antibacterial Compound bis-(4-Dimethylaminopyridinium) bis-(3,5-Dinitrobenzoate) monohydrate using DFT study
78	A.Rathika	Physics	Synthesis of Silver (Ag) doped Zinc Oxide (ZnO) Nanoparticles as Efficient Photocatalytic Activity for Degradation Methylene Blue Dye
79	A.Rathika	Physics	Improved Photocatalytic Activity of Pd-doped ZnO Nanoparticles Synthesized by Combustion Method
80	A.Rathika	Physics	Leveraging the Photocatalytic Degradation Efficiency of Solution Combustion Driven ZnO Photocatalyst through Palladium Doping
81	Dr.M.Ramani Bai	Zoology	Efficacy of Allium cepa, Allium sativum, Sollanum trilobatum against bacterial flacherie in mulberry silkworm, Bombyx mori L.
82	M.Ramani Bai	Zoology	Effect of organic manures on mulberry leaf yield and cocoon characters of silkworm Bombyx mori L.
83	M.Ramani Bai	Zoology	Studies on effect of fortification of seriboost on mulberry and silkworm, Bombyx mori L.
84	Vijila Jasmin	Zoology	A study on the effect of phytochemical and sensory characteristics of ripe palmyra fruit
85	DR.N. YASMIN	Zoology	Effects of probiotic supplemented diet on growth performance of silkworm bombyx mori and improved characteristics of cocoon and silk
86	Dr. T.Renisheya Joy Jeba	Plant Nutrition and Disease	Plant secondary metabolites extracted from <i>Acorus calamus</i> rhizome from Western Ghats, India and repellent activity on <i>Sitophilus oryzae</i>
<b>2022-2023</b>			
87	Dr. V. Rejulin Jerin Kumar	English	Retrival of Identity in Postcolonial Ghana in Ayi Kwei Armah's <i>Fragments</i>
88	Dr. V. Rejulin Jerin Kumar	English	The Predicament Of Disabled Women In The 20th Century Chinese Society In Pearl S. Buck's <i>The Mother</i>
89	Dr. V. Rejulin Jerin Kumar	English	Social Conflict in Richard Wright's <i>A Father's Law</i>
90	Dr. V Asha Kumari	English	Trauma of Migration: A Critical Study on Chimmanda Ngozi Adichie's <i>Americanah</i>
91	Dr V Rejulin Jerin Kumar	English	Healers of Post- Colonial Ghana in Ayi Kwei Armah's <i>Fragments</i>
92	Dr V Rejulin Jerin Kumar	English	Migration and Racial Issues: An Analysis of Adichie's <i>Americanah</i>
93	Dr.T.G.Seema Gopal	History	Agricultural Revolutionary Movement of P. Krishna Pilli from Kerala
94	Dr.T.G.Seema Gopal	History	Medicinal Plants in Thovalai Temple
95	Dr.C.Amose	Public Administration	Promotion of Higher Education in Kanyakumari District Under the Catholic Church
96	Dr.C.Amose	Public Administration	The History of Research Ethics
97	Dr.N. Yasmin	Zoology	FORMULATION AND DEVELOPMENT OF MILLET PAPPAD, ANALYSIS OF PHYTOCHEMICAL, ANTIOXIDANT AND NUTRIENT ANALYSIS
98	Dr. H. Sabeena Farveen	COMMERCE	Reasons for preferring investment and level of satisfaction on returns of investment - a study with special reference to private higher secondary school teachers in thriuvanthapuram district
99	Dr.A.Safia	COMMERCE	A study on the Awareness about MSME schemes in kerala special reference to thriuvananthapuram
100	Dr.A.Safia	COMMERCE	CUSTOMERS SATISFACTION AND PERCEPTION TOWARDS MOBILE BANKING WITH SPECIAL REFERENCE TO KANYAKUMARI DISTRICT
101	Dr. Asha Kumari	COMMERCE	a study on determinants of job satisfaction and work climate among information technology employees in kanyakumari district
102	Dr.M.Jagathish	COMMERCE	A Study on the impact of tourism during covid 19 period
103	Dr.M.Jagathish	COMMERCE	A Study on challenges faced by farmers using E-Commerce in agriculture sector in Kerala
104	Dr.M.Jagathish	COMMERCE	a study on level of job satisfaction of employees of public sector banks and private sector banks in kanyakumari district
105	Dr.M.Jagathish	COMMERCE	a study on technological novalty in indian banking segment both public and private banks
106	G. Edwin Sheela	Physics	Enhanced photo catalytic degradation of methylene blue dye under direct sunlight by titanium doped tin oxide nano particles
107	G. Edwin Sheela	Physics	Antimicrobial activity, Molecular docking, Spectroscopic, DFT and Vibrational analysis on 3-(4-Bromophenyl)-1-Methoxy-1-Methyl urea
108	A.Iren sobia	Physics	Analytical study of solar activity parameters for recent solar cycle 23,24 and 25
109	A. Iren Sobia	Physics	Variation of Solar wind parameters observed during solar cycle 24
110	A.Rathika	Physics	"Effect of Charge Transfer and Non-Covalent Interactions of the Synthesized NLO Compound P-Nitrophenol Sodium-Bisulfate Using DFT Method
111	A.Rathika	Physics	"Impact of Protonation and Hydrogen Bonding Interactions on the Biological Properties of Antibacterial Compound 4-Dimethylaminopyridinium Salicylate Monohydrate:Correlation with its Precursor Molecules
112	D. Shalini	Physics	Synthesis, structural, optical, thermal and mechanical properties of dipotassium tetra borate monohydrate single crystal
113	D. Shalini	Physics	Growth, linear, nonlinear optical, electronic and mechanical studies of urea-phosphoric acid crystals
114	G. Edwin Sheela	Physics	Spectroscopic,Vibrational and Topology Analysys of (2R,3R)-Butanediol bis(Methanesulfonate)
115	M.Ramani Bai	Zoology	Effect of thrips ( <i>Pseudodendrothrips mori</i> Niwa) infested mulberry leaves on biochemical and economic parameters of silkworm, Bombyx mori L.

116	M.Thilsath Fatima Quraiza	Zoology	Influence of micronutrients fortified mulberry leaves on larval growth and cocoon parameters of mulberry silkworm, Bombyx mori L.
117	J.Vijila Jasmin	Zoology	Evaluation of Phytochemicals, Antioxidant and Nutrient analysis of Cocos nucifera haustorium.
118	J.Vijila Jasmin	Zoology	Preventive effect of seaweed, Padina tetrastromatica against Aeromonas hydrophila infection in a freshwater fish
119	J.Vijila Jasmin	Zoology	Formulation and evaluation of coconut haustorium incorporated products
120	DR.N. YASMIN	Zoology	Phytochemical investigation and evaluation of Moringa oleifera leaves based products
121	DR.N. Yasmin	Zoology	Supplementation of mulberry leaves with probiotic bifilac on economic traits of silkworm (Bombyx mori L.)
122	M.Thilsath Fatima Quraiza	Zoology	Photosensitive effect of the biochemical and economic traits of Bombyx mori L.
123	Dr.M.Thilsath Fatima Qur	Zoology	Effect on the Natural antioxidant on the copper and zinc accumulation on the silkworm, Bombyx mori L.
124	Dr.M.Thilsath Fatima Qur	Zoology	Studies on growth and cocoon parameters of Bombyx mori L. exposed to various temperature
125	T.Kumaran	Zoology	Characterization and infectivity of white spot syndrome virus in pacific white shrimp (litopenaeusvannamei)
126	T.Kumaran	Zoology	Screening of virulent bacteria aeromonashydrophila from gastrointestinal tract of ornamental aquariumfish
127	T.Kumaran	Zoology	The impact of replacing antibiotics and improve the antimicrobial efficiency of aqueous extract hemidesmusindicus against fish pathogen
128	T.Kumaran	Zoology	The production of influence of anti vibrioparaheolyticIgY against experimental infection of v. parahaemolyticus in cultured fenneropenaeusindicus
129	Dr.M.Velvizhi	Chemistry and Diet	Qualitative phytochemical analysis of tumeric <i>Curcuma longa</i> L)cultivars grown in various geographical locations of India with extracts
130	Dr.N.G.Nageswari Amma	Computer	A Novel partition clusteringbased biometric authentication mechanism
131	Dr.P.Raajan	Computer	Federated learning based disease diagnosis and treatment recommendation system using block chain
132	Dr.P.Raajan	Computer Science	ENHANCED ALZHEIMER'S DISEASE EARLY DETECTION USING HYBRID NEURAL NETWORKS
133	Dr Raeshma Godsen	English	Masked Reality in Yukio Mishima's <i>Kantan</i>
134	Dr P Starlin Judith Venibha	English	A Post Modern Perspective of Sethu Mathavan's <i>Once Upon a Time</i>
135	Dr Raeshma Godsen	English	Loss of Innocence and Death of Humanity in Aravind Adiga's <i>Last Man in Tower</i>
136	Dr. G. Pushparaj	History	Marshal Nesamony as a Member of Madras State Legislative Assembly
137	Dr.Mohamed Siddique	COMMERCE	A Study on impact of GST on textile entrepreneurs in Trivandrum
138	Dr.Mohamed Siddique	COMMERCE	awareness level of citizen regarding the functioning of akshaya centers in thiruvananthapuram district
139	Dr. H. Sabeena Farveen	COMMERCE	A Study on consumer buying behaviour of eco friendly products in kanyakumaridistrict
140	Dr.M.Jagathish	COMMERCE	Impact of pandemic on socio economic conditions of the shopholders of tourist places in kanyakumari district
141	G. Edwin Sheela	Physics	Optimized Geometry, NBO, MEP, Docking Analysis and Antimicrobial Activity of (2R,3R)-Butanediol Bis (methane sulfonate)
142	G. Edwin Sheela	Physics	Theoretical density functional analysis with experimental, electronic properties, and NBO analysis on (RS) 3-(3,5-Dichlorophenyl)-5-methyl-5-vinylloxazolidine 2,4-dione
143	G. Edwin Sheela	Physics	Synthesis, Antifungal Activity, Molecular Docking Studies, RDG Analysis, and DFT Computations on Structural Vibrational and Electronic Spectra of 3,5-Diamino-1,2,4-Triazolium Picrate
144	G. Edwin Sheela	Physics	Biogenic Synthesis of silver,Gold and Palladium Nanoparticles using Moringa Oleifera Seeds:Exploring photocatalytic,catalytic,and Antimicrobial Activities
145	A. Iren Sobia	Physics	Relationship between Sunspot and solar wind parameters during the ascending phase
146	R.P.Jebin	Physics	Antimicrobial activity, vibrational, electronic and topology analysis of 3,4,5-Trimethoxybenzaldehyde
147	R.P. Jebin	Physics	Magnetic and Electro chemical application of Ru doped Co3O4 thin films,
148	R.P. Jebin	Physics	Structural, Optical and surface modifications by varying precursor concentrations on spray deposition of In doped Co3O4 thin films for electro chemical application
149	R.P. Jebin	Physics	spray deposition of In doped Co3O4 thin films for electro chemical applicationSpray Deposited Ni Doped Co3O4 Thin Films for Electrochemical Applications
150	A. Rathika	Physics	Insights into Spectral Elucidations, Reactivity Sites, Invitro Assay, Molecular Docking and Pharmacokinetic Studies of Non-Covalently Bonded 4-Aminobenzoic Acid 4-Nitroaniline
151	G. Edwin Sheela	Physics	Photodegradation of industrial dyes using graphene- Zinc- Co doped Fe3O4 nano composites prepared by the coprecipitation technique is assisted by UV light
152	A. Iren Sobia	Physics	Investigation in periodicities of sunspot and geomagnetic storm using wavelet analysis
153	G. Edwin Sheela	Physics	Graphene/Bismuth- Codoped Fe3O4 Nanocomposites for UV light- Assisted Photodegradation of industrial Dyes Produced by the coprecipitation Method
154	G. Edwin Sheela	Physics	UV Light-Assisted Photodegradation of Industrial Dyes by Reduced Graphene Oxide/Nickel Codoped Fe3O4 Nanocomposites Synthesized Using the Coprecipitation Method
155	T.Kumaran	Zoology	Rare heavy metals accumulation of ascidians in vizhinjam bay southwest coast of india
156	M.Thilsath Fatima Quraiza	Zoology	Morphometric and gravimetric studies of mulberry leaves
157	M. Thilsath Fatima Quraiza	Zoology	Studies on Growth Parameter in Different Strains of B. mori exposed to Temperature

158	Dr.P.Raajan	Computer Science	An efficient framework for authentication and blockchain authorization of secured healthcare information using HPCSG- ROTDF-SLORB AND DHSK-DECC
159	Dr.P.Raajan	Computer Science	Enhancing Alzheimer Disease Segmentation through Adaptively Regularized Weighted Kernel-Based Clustering
160	Dr.P.Raajan	Computer Science	Alzheimer's Disease Prediction using Enhanced Graph Convolutional Neural Networks
161	Dr.P.Raajan	Computer Science	Early Diagnosis Of Alzheimer's Disease With Generative Adversarial Networks
162	Dr.P.Raajan	Computer Science	Early Phase Oral cancer Diagnosis Using CLAHE And Adaptive Growing
163	Dr.A.Anto Nishanthi	Tamil	Ayumperukapiyathil Uruva Oviyankal velipaduthum Alakiyal