



P.K.M. COLLEGE OF EDUCATION

MADAMPAM, KAITHAPRAM P. O., KANNUR – 670 631

(Govt. Aided Teacher Education Institution affiliated to Kannur University)

Recognized by NCTE included under UGC 2(f) & 12(B) category

Accredited by NAAC with 'A' Grade, (Second cycle -4 point scale), RUSA 2.0 beneficiary

6.5.5: Institutions keeps track of the incremental improvements achieved in academic and administrative domains of its functioning through quality assurance initiatives

RESEARCH DEVELOPMENT AND INITIATIVE



Research development and initiative

Research Papers by Student Teachers -2018-19

RESEARCH PAPERS BY STUDENT TEACHERS

June 2018- May 2019

APRIL - MARCH 2018								
1.	Digital Initiatives and Its Consequent Initiatives	Mr Ashwin Raj	Sasika Chacko Sonia Cyriac	Physical Science	UAC-HRDC Sponsored National Seminar cum Workshop on Teaching Learning Platforms for Digital Initiatives	St. Thomas College of Teacher Education, Pala	27 th & 28 th September 2018	Published in the proceedings - 2018. ISBN: 978-81-908006-9-3
2.	Tricks as an Edutainment for Digital Natives	Dr Prasanth Mathew	Absa Jose Josly Jose	Physical Science	UAC-HRDC Sponsored National Seminar cum Workshop on Teaching Learning Platforms for Digital Natives	St. Thomas College of Teacher Education, Pala	27 th and 28 th September 2018	Published in the proceedings - 2018. ISBN: 978-81-908006-9-3
3.	Digital Parenting: Paradigm Shift from Parents to Teachers	Dr Prasanth Mathew	Aparna Francis Riya Rose Mathew	Physical Science	UAC-HRDC Sponsored National Seminar cum Workshop on Teaching Learning Platforms for Digital Natives	St. Thomas College of Teacher Education, Pala	27 th and 28 th September 2018	Published in the proceedings - 2018. ISBN: 978-81-908006-9-3



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NO	TITLE OF THE PAPER	NAME OF THE INTERVIEWS TEACHER	NAME OF THE PRESENTER	OPTIONAL SUBJECT	NAME OF THE CONFERENCE	VENUE	DATE	PUBLICATION DETAILS	REMARKS
4	Impact of Digital Initiatives in Developing a Digital Culture in Digital Immigrants	Dr. Bhanu	Anjusha M. Mathew Shyama N. Raju	Physical Science	UAC-HERDC Sponsored Two Day National Seminar cum Workshop on Teaching Learning Platforms for Digital Natives	St. Thomas College of Teacher Education, Pala	23 rd and 24 th September 2018	Published in the Proceedings - 2018 ISBN: 978-81-908006-9-3	
5	Techno Pedagogical Skills in the 21 st Century	Dr. Shaly Joseph K	Meenu Stephen Ajayana Vincent	Mathematics	UAC-HERDC sponsored Two Day National Seminar cum Workshop on Teaching Learning Platforms for Digital Natives	St. Thomas College of Teacher Education, Pala	23 rd and 24 th September 2018	Published in the Proceedings 2018 ISBN: 978-81-908006-9-3	
6	Transformation of Pedagogical skills through Technology	Dr. Shaly Joseph K	Meenu Stephen Nimitha Jose	Mathematics	UAC-HERDC sponsored Two Day National Seminar cum Workshop on Teaching Learning Platforms for Digital Natives	St. Thomas College of Teacher Education, Pala	23 rd and 24 th September 2018	Published in the Proceedings 2018 ISBN: 978-81-908006-9-3	
7	Recent Digital Initiatives in Educational Sector	Dr. Veena Appukuttan	Jasmine Thomas Remya Rajbavan	Social Science	UAC-HERDC Sponsored Two Day National Seminar cum Workshop on Teaching Learning Platforms for Digital Natives	St. Thomas College of Teacher Education, Pala	23 rd and 24 th September 2018	Published in the Proceedings 2018 ISBN: 978-81-908006-9-3	



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No	TITLE OF THE INTER	NAME OF THE SUPERVISING TEACHER	NAME OF THE PRESENTER	OPTIONAL SUBJECT
8.	Role of Balanced diet and nutritional psychiatry for better mental health and prevent. Sreemana	Dr. Shaly Joseph K.	Aboumole Mathew Rejina P.P	
9.	Technology and Modern mental Health Treatment	Dr. Shaly Joseph K.	Harsba A.T Sudapazhika J.	
10.	Stress Management strategies in classroom	Mrs. Jamal Jose	Neethu Mathuseelanan Jahira K.	
11.	Traditional Games To Improve mental Health	Mrs. Jamal Jose	Mahima K. Priyanka Thelijil	
12.	Impact of Technology on Mental Health of Teenage Girls	Dr. Maya J Pillai	Sonia Cyriac Saritha Chacko	Physical Science
13.	Literary Measures To Minimize The adverse Effect of Media and To maximize mental health	Dr. Maya J Pillai	Girby Bebu Anjana KC	
14.	Influence of Media on Self-Esteem of Society (Article - 11dr.c.) U	Dr. Maya J Pillai	Anusha M. Nishitha Jose	


NAME OF THE CONFERENCE	VENUE	DATE	PUBLICATION DETAILS	REMARKS
Self National Seminar on Self Esteem and Mental Health: Perspectives and Concerns	Govt. Brennan College of Teacher Education Thalassery	13 th & 14 th December 2018		
National Seminar on Self Esteem and Mental Health: Perspectives and Concerns	Govt. Brennan College of Teacher Education Thalassery	13 & 14 December 2018		
National Seminar on Self Esteem and Mental Health: Perspective and Concerns	Govt. Brennan College of Teacher Education Thalassery	13 & 14 December 2018		
National Seminar on self Esteem and Mental Health: perspective and Concerns	Govt. Brennan College of Teacher Education Thalassery	13 & 14 December 2018		
National Seminar on Self Esteem and Mental Health: perspective of Concerns	Govt. Brennan College of Teacher Education Thalassery	13 & 14 December 2018		
National Seminar on Self Esteem and Mental Health: perspective of Concerns	Govt. Brennan College of Teacher Education Thalassery	13 & 14 December 2018		
National Seminar on Self Esteem and Mental Health: perspective of Concerns	Govt. Brennan College of Teacher Education Thalassery	13 & 14 December 2018		



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No.	TITLE OF THE PAPER	NAME OF THE SUPERVISING TEACHER	NAME OF THE PRESENTER	OPTIONAL SUBJECT	NAME OF THE CONFERENCE	VENUE	DATE	PUBLICATION DETAILS	REFERENCE
15.	Impact of mobile phones on the Emotional Maturity of Adolescent Girls	Dr. Meeya J Pillai	Athira K Sreye Joseph		National Seminar on Self Esteem and Mental Health: Perspective and Concerns	Govt. Bannan College of Teacher Education Thalassery	13.4.14 December 2014		
16.	Role of Media in Accelerating the Mental Health of Human Beings	Dr. Meeya J Pillai	Riya Rose Mathew Akhila John		National Seminar on self Esteem and Mental Health: Perspective and Concerns	Govt. Bannan College of Teacher Education Thalassery	13.4.14 December 2014		
17.	Positive impact of Technology in Reducing stress among youngsters	Dr. Meeya J Pillai	Josly Jose Abia Jose	Physical Science	National Seminar on self Esteem and Mental Health: Perspective and Concerns	Govt. Bannan College of Teacher Education Thalassery	13.4.14 December 2014		
18.	Mental Reconditioning strategies to minimize the adverse effect of media	Dr. Meeya J Pillai	Shyva N Biju Aparana Francis	Physical Science	National seminar on self Esteem and mental Health: perspective and concerns	Govt. Bannan college of Teacher Education Thalassery	13.4.14 December 2014		
19.	Impact of Dangerous online games among youth and its influence on mental Health	Dr. Meeya J Pillai	Thushara K Nimisha A		National seminar on self Esteem and mental Health: Perspective and Concerns	Govt. Bannan College of Teacher Education Thalassery	13.4.14 December 2014		




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RESEARCH PAPERS BY STUDENT TEACHERS

June 2018-May 2019

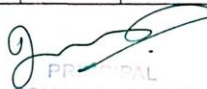
No	Title of the paper	Name of the supervising teacher		Name of the student teachers	Optional Subject	Name of the Co-author from outside college	Name of the Conference	Venue	Date	Publication Details	Remark
		PKM College	Outside College								
20	Being and Becoming a Peace Builder	Dr. Prasanth Mathew		Shyna N Raju	Physical Science		KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:4-9	
				Abia Jose	Physical Science						
21	Teacher as Equity promoter-through sensitized learning	Dr. Prasanth Mathew		Giby Babu	English		KSCSTE & DST Sponsored National Science Day Celebrations & National	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK	



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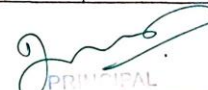
						Conference on 'Science for all Generations'			International Research Foundation P:16-18	
22	Customization of technology-Enhancing personalized learning			Liya Joy	Physical Science	KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:28-30	
				Minumol Thomas	Physical Science					
23	Study on the significance of mental health in natural science teacher			Mirdula Ramesh C	Natural Science	KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:58-60	
				Anagha K	Natural Science					




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24	Science and Gender equity	Dr. Veena Appukuttan		Remya Raghavan	Social Science		KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:31-33	
				Renjini N V	Social Science						
25	An Invisible Disaster: Endosulfan Tragedy in Kasaragod District			Ponnisha Thomas	Physical science	Akhil Thomas Research scholar, School of management and business studies, MG University, Kottayam	KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:68-71	
26	Impact of Vaccination on human longevity and health	Dr. Veena Appukuttan		Athira P k	Social Science		KSCSTE & DST Sponsored National	P.K.M. College of Education,	25 th February -2019	Published in the Proceedings -2019	




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				Reji P George	Social Science		Science Day Celebrations & National Conference on 'Science for all Generations'	Madampam		ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:50-52
27	Science for health			Ms. Sonia Cyriac		Mr. Rinu Raju B.Ed, St.Thomas College of Teacher Education, Pala	KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:72-75




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28	Unusual Ancient Medical Techniques and importance of science for Health			Risina T	Social Science		KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:76-79
29	Becoming an eco-friendly teacher through sensitized learning			Riya Rose Mathew	Physical Science	Ms. Ashlin Raj Research Assistant, Bethlehem Education Resaerch Foundation, Kidangor	KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:80-84
				Aparna Francis	Physical Science					




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30	Scope of Cli-fi in climate education: A present Scenario	Dr. Rekha K R		Arya Premaraj P K	English		KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:85-87
31	Role of Science Influencing the youth positively to participate in disaster management			Ribina V	Physical Science		KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:88-91
				Anusree V P	Physical Science					
				Priya Joy	Physical Science					




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32	Global Warming: A Suicide pill for earth made by human	Dr. Rekha K R		Akhila John	English		KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:92-94
33	Study on Forensically relevant dipterans found in Ernakulam district, Kerala			Anjali A K	Natural Science		KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:98-102
34	Depiction of science in dying earth: A Journey through the time machine	Dr. Rekha K R		Anjana K C	English		KSCSTE & DST Sponsored National Science Day Celebration	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6




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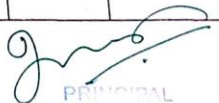
							s & National Conference on 'Science for all Generations'			Published by DK International Research Foundation P:107-110
35	Studies on preliminary phytochemical screening and estimation of protein of selected pulses and their importance		Anjali C K	Natural Science		KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:95-97	
			Priyanka Thaliyil	Natural Science						
36	The role of teacher training institution for attaining UN SDG of health and well being	Dr. Prasanth Mathew	Josly Jose	Physical Science		KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:120-123	
			Nidhin Jose	Physical Science						




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37	Teacher the Conserver: Not only Culture But also Energy			Ms. Anjusha M	Physical Science	Ms. Ashlin Raj Research Assistant, Bethlehem Education Resaerch Foundation, Kidangor	KSCSTE & DST Sponsored National Science Day Celebration s & National Conference on 'Science for all Generations	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:137-141
				Ms. Sarika Chacko	Physical Science					
38	Potential of Education Institution to Combat Climate Change			Athira K	Physical Science		KSCSTE & DST Sponsored National Science Day Celebration s & National Conference on 'Science for all Generations	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:142-146
				Sreya Joseph	Physical Science					
39	Science and Technology for sustainable Development			Jasmine Thomas	Social Science		KSCSTE & DST Sponsored National	P.K.M. College of Education,	25 th February -2019	Published in the Proceedings -2019




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				Sujina T V	Social Science		Science Day Celebrations & National Conference on 'Science for all Generations'	Madampam		ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:147-150
40	Skill Training in Secondary Schools: for a Sustainable livelihood			Sarath C	Malayalam		KSCSTE & DST Sponsored National Science Day Celebrations & National Conference on 'Science for all Generations'	P.K.M. College of Education, Madampam	25 th February -2019	Published in the Proceedings -2019 ISBN:978-81-940463-5-6 Published by DK International Research Foundation P:163-165
				Vishakh A	Natural science					




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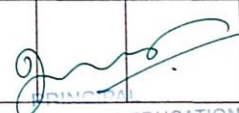
Research Papers by Student Teachers -2019-20

RESEARCH PAPERS BY STUDENT TEACHERS

June 2019-May 2020

No	Title of the paper	Name of the supervising teacher		Name of the student teachers	Optional Subject	Name of the Co-author from outside college	Name of the Conference	Venue	Date	Publication Details	Remark
		PKM College	Outside College								
1	Subtlety in Science and its subtler in science education: A conceptual model	Dr. Prasanth Mathew		Athira K	Physical Science		Two-day International Seminar on "Emerging Trends in Education"	Mar Besselian College of Education	2 nd and 3 rd August - 2019		
				Ashish Saseendran	Physical Science						




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Research Papers by Student Teachers -2021-22

RESEARCH PAPERS BY STUDENT TEACHERS

June 2021-May 2022

No	Title of the paper	Name of the supervising teacher		Name of the student teachers	Optional Subject	Name of the Co-author from outside college	Name of the Conference	Venue	Date	Publication Details	Remark
		PKM College	Outside College								
	Teacher in the New Normal A Curricular project in the post covid context	Dr. Prasanth Mathew		Ms. Ann Kurian	Physical Science		National level Paper Presentation Competition by Society of Innovative Researchers and Academicians (SIRA) for colleges/university students	Society of Innovative Researchers and Academicians (SIRA)	December 2021		
	Teacher in the New Normal. Conceptual Model for Teacher Education Institutions	Dr. Prasanth Mathew		Ms. Ann Kurian			National Conference on 'NEP 2020: Towards Transforming Teacher Education'	Regional Institute of Education, Bhubaneswar	24 th , 25 th , 26 th February 2022		
1	Impact of child negligence on psychosocial wellbeing and academic achievements of teenagers of Kannur district	Dr. Maya J. Pillai		Arjana. T	Natural Science		National level webinar & Paper presentation competition on 'Science for	P.K.M. College of Education	27 th & 28 th Feb 2022	Edutricks	



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							Sustainable Future'				
2	Different strategies and techniques for reducing the conflicts during adolescence	Dr Maya J Pillai		Ms. Arya K I	Physical Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M College of Education	27 th and 28 th February 2022		
3	Effect of vaccination on the covid-19 pandemic on humans		Dr. Sheik Mohammed Shamsudeen	Suhaira.N	Natural Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th and 28 th February 2022		
4	Study on parental role on academic achievement of elementary school children of kutnattoor grama panchayath	Dr Maya J Pillai		Athira.T.C	Natural Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		

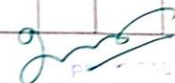


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5	Influence of social media among students	Dr Maya J Pillai		Ms. Sruthi P V	Malayalam		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
6	Plants used in home remedies for human well being	Dr P Balakrishnan	Aiswarya Manoj	Natural Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022			
			Akshaya A. V	Natural Science							
7	Impact of Home Environment on Academic Achievement of Secondary School Students		Ms. Mana Baby			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022			
			Ms Athira Anand A								
8	Effect of online classes on achievement in mathematics of high school students	Dr.Maya J Pillai		Manjusha. N	Mathematics		National level webinar & Paper presentation competition on 'Science for	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		




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							Sustainable Future'					
9	Sustainable Development of Modern India: The Need for Paradigm Shift in Higher Education	Dr. Prasanth Mathew		Ms. Athira Shaji	Physical Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022			
10	A study on the prolonged screenline; Effect on the sleep of School children	Dr. Maya J Pillai		Aksharamol Biju	Social Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022			
11	പാരിസ്ഥിതിക വായനാ പദ്ധതിയുടെ ഏറ്റെടുത്ത ക്ലാസ്സുകളിലെ ബകരളപാഠ വിലയ്ക്കുപറ്റിയ അനുഭവങ്ങളെക്കുറിച്ചുള്ള പഠനം	Sr. Carolin FCC		Mrs. Jahna. T. V	Malayalam		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022			



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12	ANTIMICROTIC PROPERTIES OF FINGER MILLET (Eleusine coracana) -SCIENCE FOR WELL BEING		Dr.Suma S Associate professor, Department of lifesciences CHRIST University, Bangalore	Harsha Santhosh	Natural Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
13	പരിസ്ഥിതി സുരക്ഷണ സംസ്ഥിരവികസനത്തിന്റെ	Dr.Maya J Pillai		Alex Jose	Malayalam		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Hrshikesh Babu	Social Science						
14	പരിസ്ഥിതിക ബാധയെ നവീകരിക്കാനുള്ള	Dr. Maya.J. Pillai		Jomal joy	Social Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Jishnu.T.P	Malayalam						
15	Challenges of online learning during the COVID-19 pandemic Encountered by students in pattuvam Panchayath	Dr.Maya.J.Pillai		Sneha V	Mathematics		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		




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16	Effect of study habits on achievement in Mathematics of high school Students	Dr.Maya J Pillai		Ms Jwala Mariya Cyniac	Mathematics		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
17	Conservation of biodiversity as the tool to achieve the sustainable development goal: a study fauna and flora diversity in Kannapuram Azheckal estuary, Kannur.			Lumitha Bai. B			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Kavya V	Natural Science						
18	The study on impact of the crime thriller movies on adolescents	Dr.Maya J Pillai		Shyona Stephen	Physical Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		




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19	Enhancing Linguistic Competency: The scope of English language learning in science classrooms			Litty Sunder			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
20	Study on effectiveness of assessment in an online learning environment	Dr. Maya. J. Pillai		Niha Pedmanabhan			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
21	The harmful effect of science and technology in environment			Ms. Anu Philip			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Muktha Sasindran							
22	Experimental Design for a Modern Classroom	Dr. Prasanth Mathew		Saranya L	Physical Science		National level webinar & Paper presentation competition	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		



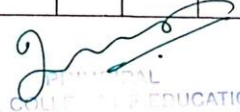
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				Sayooj V V	Physical Science		on 'Science for Sustainable Future'					
23	Study on the major causes for lack of interest in mathematics among high school students	Dr.MAYA J. PILLAI		Jisna Augustine	Mathematics		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022			
				Haritha.P.V	Mathematics							
24	Analysis of nutritional components of underutilized food crops for food security and human well being		Dr. Ajay Kumar Assistant professor Central University of Kerala	Indukumari U. K			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022			
25	A comparative study on effectiveness of online and offline science learning among higher secondary students	Dr Maya J Pillai		Ms. Ahana Thomas			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		EDUT RACK S. ISSN: 0972-9844	
26	The role of science and technology in promoting consumerism in kerala			Mrs. JUVAIRIYA. M.N			National level webinar & Paper presentation	P.K.M. College of Education,	27 th & 28 th			




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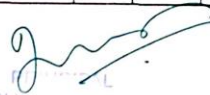
				Mrs. ASHA N			competition on 'Science for Sustainable Future'	Madampam	Feb 2022		
27	Food as a metaphor in Chitra Banerjee Divakaruni's 'The mistress of spices'		Dr. Sr. Fancy Paul Assistant Professor Postgraduate Department of English	Mr. Arun Shaji	English		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Ms. Alby Ann Stephen	English						
28	Learning science for a sustainable future	Dr Prasanth Mathew		Delna T.S	Physical Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Anusree K	Physical Science						
29	Effect of pandemic on the mental health of frontline health care workers in Kannur district			Mr. Haibin Mathew	Social Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Ms Sandra Marya Shaji	Social Science						



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30	Digital skills are the foundation for our future	Dr. Prasanth Mathew		Aswathi N.V	Physical Science	National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Ashly Thomas	Physical Science					
31	Impact of lockdown on the psychosocial well being of youth	Dr. Maya J Pillai		Joyamol T Baby		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
32	Impact of science on stress management among senior secondary school students	Dr. Maya J Pillai		Anjana Chandran		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
33	A critical study on the relative effect of parenting styles in creating scientific attitude among elementary school children	Dr. Maya J. pillai		Ms. Elsitta Jose		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		




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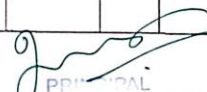
34	Analysing Science Teachers' attitude towards online teaching, technological competence and technological access	Dr. Maya J. Pillai		Christeena Raju			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
35	Floristic diversity of mannampurath sacred groove and its conservational strategies	Mrs. Jomol Jose		Ms. Mariza Markose	Natural Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Jeena Sajith M	Natural Science						
36	Impact of innovation on economic development in India			Vishnuprathap .M			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Alex Baby							
37	Recent trends in 'on water' organic synthesis to promote sustainable future			ANAND RAVI			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		




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38	Estimating the maximum inclusion of anthracene in silica nano particles suspension	Dr. Shanthil M, Assistant Professor, Department of chemistry, Govt Victoria College Palakkad	Mancesha P Vaishak.k		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
39	Economics of work from home: a study among IT professionals	Sri. Johnson George, Assistant professor, Post graduate department of economics, Nimalagiri College	Hitha.k	Social Science	National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
40	സാമൂഹികവിദ്യയുടെ സാമൂഹിക പ്രാധാന്യം		Ms Nivya Joseph Ms. Adithya V		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		




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RESEARCH PAPERS BY STUDENT TEACHERS

June 2021-May 2022

No	Title of the paper	Name of the supervising teacher		Name of the student teachers	Optional Subject	Name of the Co-author from outside college	Name of the Conference	Venue	Date	Publication Details	Remark
		PKM College	Outside College								
	Teacher in the New Normal: A Curricular project in the post covid context	Dr. Prasanth Mathew		Ms. Ann Kurian	Physical Science		National level Paper Presentation Competition by Society of Innovative Researchers and Academicians (SIRA) for colleges/university students	Society of Innovative Researchers and Academicians (SIRA)	December 2021		
	Teacher in the New Normal: Conceptual Model for Teacher Education Institutions	Dr. Prasanth Mathew		Ms. Ann Kurian			National Conference on 'NEP 2020: Towards Transforming Teacher Education'	Regional Institute of Education, Bhubaneswar	24 th , 25 th , 26 th February 2022		
1	Impact of child negligence on psychosocial wellbeing and academic achievements of teenagers of Kannur district	Dr. Maya.J. Pillai		Anjana. T	Natural Science		National level webinar & Paper presentation competition on 'Science for	P.K.M. College of Education	27 th & 28 th Feb 2022	Edutracks	



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							Sustainable Future'				
2	Different strategies and techniques for reducing the conflicts during adolescence	Dr.Maya J.Pillai		Ms. Arya K I	Physical Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education	27 th and 28 th February 2022		
3	Effect of vaccination on the covid-19 pandemic on humans		Dr. Sheik Mohammed Shamsudeen	Suhaira.N	Natural Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th and 28 th February 2022		
4	Study on parental role on academic achievement of elementary school children of kutiattoor grama panchayath	Dr Maya J Pillai		Athira.T.C	Natural Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		




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5	Influence of social media among students	Dr Maya J Pillai		Ms. Sruthi P.V	Malayalam		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
6	Plants used in home remedies for human well being	Dr P Balakrishnan		Aiswarya Manoj	Natural Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Akshaya A. V	Natural Science						
7	Impact of Home Environment on Academic Achievement of Secondary School Students			Ms. Maria Baby			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Ms. Athira Anand A							
8	Effect of online classes on achievement in mathematics of high school students	Dr.Maya J Pillai		Manjusha. N	Mathematics		National level webinar & Paper presentation competition on 'Science for	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		



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							Sustainable Future'				
9	Sustainable Development of Modern India: The Need for Paradigm Shift in Higher Education	Dr. Prasanth Mathew		Ms. Athira Shaji	Physical Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
10	A study on the prolonged screenline; Effect on the sleep of School children	Dr. Maya J Pillai		Aksharamol Biju	Social Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
11	പാരിസ്ഥിതികാവബോധവർദ്ധനവ് പ്രകടിപ്പിക്കുന്നതിനുള്ള പഠനം: എട്ട്, ഒൻപത് ക്ലാസ്സുകളിലെ ബകരളപാഠാവിലയ ആസ്പദമാക്കിയുള്ള പഠനം	Sr. Carolin FCC		Mrs. Jahna. T. V	Malayalam		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		



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12	ANTIMITOTIC PROPERTIES OF FINGER MILLET (Eleusine coracana) -SCIENCE FOR WELL BEING		Dr,Suma S Associate professor,De partmet of lifesciences CHRIST University, Banaqlore	Harsha Santhosh	Natural Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
13	പരിസ്ഥിതി സുരക്ഷയും സമ്പിരവികസനത്തിന്റെയും	Dr.Maya J Pillai		Alex Jose	Malayalam		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Hrishikesh Babu	Social Science						
14	പാരിസ്ഥിതിക ബാധയും നവീനമാനങ്ങളിൽ	Dr. Maya.J. Pillai		Jomal joy	Social Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Jishnu.T.P	Malayalam						
15	Challenges of online learning during the COVID-19 pandemic Encountered by students in pattuvam Panchayath	Dr.Maya.J.P illai		Sneha V	Mathematics		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		




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16	Effect of study habits on achievement in Mathematics of high school Students	Dr.Maya J Pillai		Ms.Jwala Mariya Cyriac	Mathematics		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
17	Conservation of biodiversity as the tool to achieve the sustainable development goal: a study fauna and flora diversity in Kannapuram Azheckal estuary, Kannur.			Lumitha Bai. B			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Kavya V	Natural Science						
18	The study on impact of the crime thriller movies on adolescents	Dr.Maya J Pillai		Shyona Stephen	Physical Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		




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19	Enhancing Linguistic Competency: The scope of English language learning in science classrooms			Litty Sunder			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
20	Study on effectiveness of assessment in an online learning environment	Dr. Maya. J. Pillai		Niha Padmanabhan			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
21	The harmful effect of science and technology in environment			Ms. Anu Philip			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Muktha Sasindran							
22	Experimental Design for a Modern Classroom	Dr. Prasanth Mathew		Saranya L	Physical Science		National level webinar & Paper presentation competition	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		




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				Sayooj V V	Physical Science		on 'Science for Sustainable Future'				
23	Study on the major causes for lack of interest in mathematics among high school students	Dr.MAYA.J. PILLAI		Jisna Augustine	Mathematics		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Haritha.P.V	Mathematics						
24	Analysis of nutritional components of underutilized food crops for food security and human well being		Dr. Ajay Kumar Assistant professor Central University of Kerala	Indukumari U. K			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
25	A comparative study on effectiveness of online and offline science learning among higher secondary students	Dr Maya J Pillai		Ms. Ahana Thomas			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022	EDUT RACK S, ISSN: 0972-9844	
26	The role of science and technology in promoting consumerism in kerala			Mrs. JUVAIRIYA. M.N			National level webinar & Paper presentation	P.K.M. College of Education,	27 th & 28 th		



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				Mrs. ASHA N			competition on 'Science for Sustainable Future'	Madampam	Feb 2022		
27	Food as a metaphor in Chitra Banerjee Divakaruni's 'The mistress of spices'		Dr. Sr. Fancy Paul Assistant Professor Postgraduate Department of English	Mr. Arun Shaji	English		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Ms. Alby Ann Stephen	English						
28	Learning science for a sustainable future	Dr Prasanth Mathew		Deina.T.S	Physical Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Anusree K	Physical Science						
29	Effect of pandemic on the mental health of frontline health care workers in Kannur district			Mr. Haabin Mathew	Social Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Ms Sandra Marya Shaji	Social Science						




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30	Digital skills are the foundation for our future	Dr. Prasanth Mathew		Aswathi N.V	Physical Science	National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Ashly Thomas	Physical Science					
31	Impact of lockdown on the psychosocial well being of youth	Dr. Maya J Pillai		Joyamol T Baby		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
32	Impact of science on stress management among senior secondary school students	Dr. Maya J Pillai		Anjana Chandran		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
33	A critical study on the relative effect of parenting styles in creating scientific attitude among elementary school children	Dr. Maya J. pillai		Ms. Elsitta Jose		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		




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34	Analysing Science Teachers' attitude towards online teaching, technological competence and technological access	Dr. Maya J. Pillai		Christeena Raju			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
35	Floristic diversity of mannampurath sacred groove and its conservational strategies	Mrs. Jomol Jose		Ms. Mariza Markose	Natural Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Jeena Sajith M	Natural Science						
36	Impact of innovation on economic development in India			Vishnuprathap .M			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
				Alex Baby							
37	Recent trends in 'on water' organic synthesis to promote sustainable future			ANAND RAVI			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		




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38	Estimating the maximum inclusion of anthracene in silica nano particles suspension	Dr. Shanthil M, Assistant Professor, Department of chemistry, Govt Victoria College Palakkad	Mancesha.P			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
			Vaishak.k							
39	Economics of work from home: a study among IT professionals	Sri. Johnson George, Assistant professor, Post graduate department of economics, Nirmalagiri College	Hitha.k	Social Science		National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
40	സാബേതികവിദയ ഘംസസ്ഥിര കൃഷിയഘം		Ms Nivya Joseph			National level webinar & Paper presentation competition on 'Science for Sustainable Future'	P.K.M. College of Education, Madampam	27 th & 28 th Feb 2022		
			Ms. Adithya V							




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Research Papers by Student Teachers -2022-23

RESEARCH PAPERS BY STUDENT TEACHERS

June 2022-May 2023

No	Title of the paper	Name of the supervising teacher		Name of the student teachers	Optional Subject	Name of the Co-author from outside college	Name of the Conference	Venue	Date	Publication Details	Remark
		PKM College	Outside College								
1.	Oppam: Innovative Intervention of Teacher Education Institute in the Context of Covid- 19	Dr. Jessy N C		Ms. Christeen a Raju	Physical Science		Two-day International seminar on 'Higher Education: Emerging Trends, Innovations & Challenges' in collaboration with International Gandhian Initiatives for Non-Violence and Peace	St. Joseph's College of Education, Mysuru	28 th & 29 th July 2022	Published in the Proceedings-2022 ISBN: 978-81957877 P:65-71	
				Ms. Abana Thomas	Physical Science						
2.	Enhancement of Professional Competencies in Student-Teachers through Day Observances.	Dr. Rekha K R		Mr. Anand Ravi	Physical Science		Two-day International seminar on 'Higher Education: Emerging Trends, Innovations &	St. Joseph's College of Education, Mysuru	28 th & 29 th July 2022	Published in the Proceedings-2022 ISBN: 978-81957877 P:83-90	
				Ms. Niha Padmanabhan	Physical Science						



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						Challenges' in collaboration with International Gandhian Initiatives for Non-Violence and Peace				
3.	URJA KIRAN: Energy Conservation Awareness Campaign of PKM in the context of UN SDG 7: Affordable and Clean Energy	Dr. Prasanth Mathew		Arya K I Anjana Chandran	Physical Science Physical Science	Two-day International seminar on 'Higher Education: Emerging Trends, Innovations & Challenges' in collaboration with International Gandhian Initiatives for Non-Violence and Peace	St. Joseph's College of Education, Mysuru	28 th & 29 th July 2022	Published in the Proceedings-2022 ISBN: 978-81957877 P:221-232	
4.	Peace Building through school curriculum: A Scrutinisation of Malayalam readers of State Board of Education, Kerala	Ms. Minimol George		Alen Mariya Binny Jahna T V	Malayalam Malayalam	Two-day International seminar on 'Higher Education: Emerging Trends, Innovations & Challenges' in collaboration with	St. Joseph's College of Education, Mysuru	28 th & 29 th July 2022	Published in the Proceedings-2022 ISBN: 978-81957877 P:78-82	



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						International Gandhian Initiatives for Non-Violence and Peace				
5.	Holistic Empowerment of Girls: Some innovative Practices	Dr. Sinoj Joseph		Ms. Maneesha P	Physical Science	Two-day International seminar on 'Higher Education: Emerging Trends, Innovations & Challenges' in collaboration with International Gandhian Initiatives for Non-Violence and Peace	St. Joseph's College of Education, Mysuru	28 th & 29 th July 2022	Published in the Proceedings-2022 ISBN: 978-81957877 P:24-29	
			Ms. Elsitta Jose	Physical Science						
6.	CARE OUR EARTH: An Initiative of Teacher Education Institution towards Environmental Sensitivity	Ms. Minimol George		Ms. Ann Kurian	Physical Science	Two-day International seminar on 'Higher Education: Emerging Trends, Innovations & Challenges' in collaboration with International Gandhian Initiatives for	St. Joseph's College of Education, Mysuru	28 th & 29 th July 2022	Published in the Proceedings-2022 ISBN: 978-81957877 P:214-220	
			Mr. Vaishakh K	Physical Science						



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						Non-Violence and Peace				
7.	Inclusive Education of Gender and Sexual Diversities: an analytical Reading	Dr. Veena Appukuttan		Ms. Karishma suresh	English	Two-day International seminar on 'Higher Education: Emerging Trends, Innovations & Challenges' in collaboration with International Gandhian Initiatives for Non-Violence and Peace	St. Joseph's College of Education, Mysuru	28 th & 29 th July 2022	Published in the Proceedings-2022 ISBN: 978-81957877 P:243-246	
			Ms. Indukumari U K	Natural Science						
8.	SHARE YOUR SPARE" the Movement of Teacher Education Institution for the attainment of United Nations Sustainable Development Goals	Dr. Prasanth Mathew		Ms. Aswathi V		Two-day International seminar on 'Higher Education: Emerging Trends, Innovations & Challenges' in collaboration with International Gandhian Initiatives for Non-Violence and Peace	St. Joseph's College of Education, Mysuru	28 th & 29 th July 2022		




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9.	A thing theory analysis of menstrual narratives: Unravelling the politics of Agency		Dr. Sambhu R Asst. Prof. Dept. Of English, N.S.S College Pandalam	Karishma Suresh	English		Madhya Pradesh Institute of social science Research, Ujjain		Sept 2022	Vol-27, No-9	
10.	Social justice as a key aspect: unravelling the actuality of andracentric society			Devika K. K			One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November 2022		
11.	Injustice hampering the peace of students: a critical study on the test administration of national testing agency			Jyothis Cyriac	English		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		



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12.	Peace building initiative in children: rethinking and revising the school curriculum			Jahna T V	Malayalam		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
13.	സാമൂഹിക ഐക്യവും മാനവികബോധവും ഭാഷാധ്യാപകന്മാർക്കുവേണ്ടി			Sr. Mariya Baby	Malayalam		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November 2022		
			Haseena C.M								
14.	Refugee Literature: A Deconstructive Reading			Anagha V. J			One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November 2022		



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15.	A study of problems by old age people			Sreelakshmi V P		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November 2022		
				Anju M J						
16.	Impact of reluctance By bus employees on the psycho-social wellbeing of students			Aiswarya P V		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				Akhila V						
17.	Different Strategies And Techniques For Fostering Scientific Temper Among Primary School Children			Anusha V	Physical Science	One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				Akshay Sukumaran	Physical Science					




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18.	വിവേചനങ്ങളും ഐക്യപടലുകളും LGBTQIA+ അടിസ്ഥാനമാക്കിയ പഠനം			Aleena James		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				Akhil Ck						
19.	Literature as A Tool for Social Justice: Is That Body Matters?			Arsha V		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
20.	Study On Emotional Imbalance And Degradation Of Moral Values Among Youth In Kerala			Sheetal C	Natural Science	One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				Blessy Joy	Natural Science					




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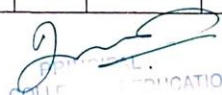
21.	Fostering Social Responsibility: A Discussion			Christy Philip	Physical Science	One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				Linet Treesa Mathew	Physical Science					
22.	Toxic Relationship And Violence Among Youth			Anagha P K		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				Anjitha A						
23.	അന്ധവിശ്വാസികൾക്കു് ആധുനിക സമൂഹത്തിൽ ഒരു പഠനം			Aiswarya K	Malayalam	One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				Jomol K J						




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24.	Influence Of Criminal Movies: Selective Study			Adithya Raj		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				Anju. V						
25.	Effect Of Campus Politics In Peaceful Life Of Students			Tincy Thomas		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				SREETHUM						
26.	Role Of Social Studies Curriculum In Building Peace Among Students			Anagha. K		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		




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27.	Moving Beyond The Families In Modern Era. Broadening Our Understanding Of Family Conflicts			Ann Mariya Raju	Physical Science	One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				Anju T Mathew	Physical Science					
28.	Academic Achievement Through Progress In Teaching Quality			Hariprasad N		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
29.	Does Democracy Change To Corruption Discussion			Divya K S		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				DRISHY A P. P						




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30.	Undemocratic Practices In B.Ed. Classrooms Of Kerala			Harikishor K V		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				AKSHA Y G						
31.	A Study Of Drug Abuse And Its Effects On Peaceful Atmosphere Among School Students			Vrindha. Mo		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				Aparna Pradeep						
32.	Hunger And Peace: Revisiting Indian Literature.			Christy Mariya Joy	English	One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		




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33.	Influence Of Smart Phone Among B.Ed. Students Of Kannur University, Kerala			Anu Maria Jacob	Mathematics	One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				ZIA R						
34.	Post-Covid Behavioural Changes In Students: Different Aspects			Snehadas D S	Mathematics	One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				RESHIM A S	Mathematics					
35.	Migration Of Young Generation In Kerala			Archana. K. N	Mathematics	One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				JOBINA Jose	Mathematics					



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36.	Comparative Study On Lifeskills Of School Students After Post Pandemic Era			Sahala Yasmin K		One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				ANITTA ROY	Physical Science					
37.	Challenges Of Primary School Teachers In The Post Covid Scenario			Liya	Mathematics	One day National seminar on Building Peaceful and Just Society: Role of Democracy, Social Justice and Religious Harmony	P.K.M. College of Education, Madampam	25 th November - 2022		
				Chaithanya C. K	Mathematics					
38.	Towards a Prosthetic future: Digital Memory and Micro Movies		Dr. Sambhur Asst. Prof. Dept. Of English, N.S.S College Pandalam	Karishma Suresh	English	Educational society, UGC care group		December 2022	Vol-45, Issue-4, no-7	



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39.	Modern techniques for the identification of plant secondary metabolites with medicinal properties			Hariprasad N Akshay. G			KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
40.	Phytoremediation using heavy metal pollution		Dr Tajo Abraham	Athira T C	Natural Science		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
41.	ഓൺലൈൻ വിദ്യാഭ്യാസവും ഭാഷാ പഠനത്തിലെ പ്രതിസന്ധികളും:			Anagha Chandran M	Malayalam		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		

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	ഹൈസ്കൂൾ വിദ്യാർത്ഥികളെ മുൻനിർത്തിയുള്ള ഒരു അന്വേഷണം		Jahna T V	Malayalam		for sustainable future' in association with St. Joseph's College of Education				
42.	Effect of technology in building attentive Mathematics classroom		Joyamol T Baby	Mathematics		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
			Sanjiya Benny	Mathematics						
43.	Equality brought about by technology to the Indian context for inclusive education: A comparative study with global sources		Emil Thankachan	Natural Science		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
			Jomal Joy	Social science						




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				Alex Jose	Malayalam		association with St. Joseph's College of Education			
44.	The role of technology in determining the attention span of the secondary learners			Anusree K	English		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023	
				Maneesha P	Physical Science					
45.	Antiproliferative properties of finger millet (Eleusine coracana) for health		Dr. Suma S Christ University Bangalore	Harsha Santhosh	Natural Science		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023	



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46.	Green synthesis of ZnO nanoparticles using aloe barbadensis miller leaf extract		Dr. M Mercina Loyola College, Chennai	Ahana Thomas	Physical Science		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
47.	Synthesis and characterization of Aspirin loaded Zinc Sulphide nanoparticles for health		Dr. Swapna S Nair University of Kerala, Kasaragod	Anjana Chandran	Physical Science		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
48.	Comparative study of effect of chemically and green synthesised ZnO nanoparticle on			Drishya P P	Physical Science		KSCSTE Co-sponsored Two-day National	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		



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	health for sustainable future			Akshay Sukumaran	Physical Science		Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education				
			Divya K.S	Physical Science							
49.	Eliminating Encroachment: Scientific Governance as A Peaceful Settlement		Jayaprakash Vatavari	Jinisha John	English	Mr. Amal Joseph Devamatha Arts and Science College, Paisakkari	KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
50.	Addressing Science Education in the Kerala Curricular Framework Social Discussion @ IMNSGHSS Mayyil in the Context of UNSDG: 4			Anand Ravi	Physical Science		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St.	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
			Vaishakh K	Physical Science							

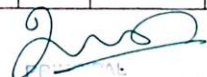


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						Joseph's College of Education				
51.	Role of technology in mitigation of examination malpractice	Dr. Veena Appukuttan		Hitha K	Social Science		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023	
52.	Techno-Gadgets driven toxicity: Exploring how toxic negativity of media breaks the peaceful existence of humans			Amitha George	English		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023	
				Reshma G R	English					




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53.	Influence of Education, science and technology on Gender ideology and behaviour of parents in creating gender role attitudes in children			Anjana T	Natural Science		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
				Arya K I	Physical Science						
54.	Social integration of the visually impaired through technological intervention Science and technology for Equity			Jyothis Cyriac	English	Devikiran Research Scholar	KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
				Jwala Mariya Cyriac	Mathematics						
55.	Analytical reading on technological advancement leading to environmental degradation instead of sustainable development			Akshaya A V	Natural Science		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		



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				Aiswarya Manoj	Natural Science		for sustainable future' in association with St. Joseph's College of Education			
56.	Enhancement of thermoelectric properties		Dr. P. P. Pradyumn	Niha Padmanabhan	Physical Science		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023	
			Christeen a Raju		Physical Science					




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57.	Computer Aided Drug Design: An Advagnement in Science and Technology for Human Well-being			Ann Kurian	Physical Science	Uradand a Raghavi University of Punjab	KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
58.	Science education with technology: effective of ICT integration for sustainable future			Anju T Mathew	Physical Science		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
				Vrindha M O	Physical Science						
				Priya Joy							



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59.	Embedding Value Education attributes in Science and Technology: An Effective roadmap for strengthening affective domain			Elsitta Jose	Physical Science	Anjitha Merin Wilson	KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
60.	Technology and science as the foundation stones of peace Science and technology for peace			Christy Philip	Physical Science		KSCSTE Co-sponsored Two-day National Seminar on 'Science and Technology for sustainable future' in association with St. Joseph's College of Education	P.K.M College of Education, Madampam	24 th & 25 th Feb 2023		
				Ann Maria Raju	Physical Science						
				Anitta Roy	Physical Science						
61.	CARE OUR EARTH INITIATIVE: Sensitizing Environmental Issues for a Sustainable Future	Dr. Prasanth Mathew		Ms. Ann Kurian	Physical Science		1 st Kerala School Education Congress on 'Quality Interventions in School	Kerala Arts and Crafts Village, Thiruvananthapuram	01-03 April 2023		



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						Education for Navakerala' by SCERT and Govt. of Kerala				
62.	NANO LEARNING: An Innovative 3 Approach In Education In The Context Of UNSDG: 4	Dr. Prasanth Mathew		Mr. Anand Ravi	Physical Science	1 st Kerala School Education Congress on 'Quality Interventions in School Education for Navakerala' by SCERT and Govt. of Kerala	Kerala Arts and Crafts Village, Thiruvananthapuram	01-03 April 2023		
			Mr. Vaishakh K	Physical Science						
63.	A Renovation in School Time Schedule; Room for Fostering Academic and Creative Talent			Ms. Anjana T	Natural Science	1 st Kerala School Education Congress on 'Quality Interventions in School Education for Navakerala' by SCERT and Govt. of Kerala	Kerala Arts and Crafts Village, Thiruvananthapuram	01-03 April 2023		
			Ms. Indukumari UK	Natural Science						
64.	Need to Refocus Domains in Educational Objectives			Ms. Harsha Santhosh	Natural Science	1 st Kerala School Education Congress on	Kerala Arts and Crafts Village,	01-03 April 2023		




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			Mr. Alex Jose	Malayalam		'Quality Interventions in School Education for Navakerala' by SCERT and Govt. of Kerala	Thiruvananthapuram			
65.	A Study on impact of education in contriving values among society		Ms. Athira T C	Natural Science		1 st Kerala School Education Congress on 'Quality Interventions in School Education for Navakerala' by SCERT and Govt. of Kerala	Kerala Arts and Crafts Village, Thiruvananthapuram	01-03 April 2023		
66.	പരീക്ഷാധിഷ്ഠിത വിദ്യാഭ്യാസവും: വൈജ്ഞാനികമൂല്യബോധങ്ങളുടെ തകർച്ചയും		Aksharamol	Social Science		1 st Kerala School Education Congress on 'Quality Interventions in School Education for Navakerala' by SCERT and Govt. of Kerala	Kerala Arts and Crafts Village, Thiruvananthapuram	01-03 April 2023		
		Ms. Amitha George	English							
		Akhila James	Mathematics							




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67.	CADETS OF PEACE: Peace Building Initiatives Among Learners In Academic Institutions	Ms. Minimol George		Ms. Elsitta Jose	Physical Science	1 st Kerala School Education Congress on 'Quality Interventions in School Education for Navakerala' by SCERT and Govt. of Kerala	Kerala Arts and Crafts Village, Thiruvananthapuram	01-03 April 2023		
				Ms. Manesha P	Physical Science					
68.	SHARE YOUR SPARE" the Movement of Teacher Education Institution for the attainment of United Nations Sustainable Development Goals	Dr. Prasanth Mathew		Ms. Aswathi V	English	1 st Kerala School Education Congress on 'Quality Interventions in School Education for Navakerala' by SCERT and Govt. of Kerala	Kerala Arts and Crafts Village, Thiruvananthapuram	01-03 April 2023		
69.	Quality Parameters For School Teachers: A Conceptual Model In The Perspective Of Student-Teachers			Ms. Arya K I	Physical Science	1 st Kerala School Education Congress on 'Quality Interventions	Kerala Arts and Crafts Village, Thiruvananthapuram	01-03 April 2023		




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				Ms.Niha Padmanabhan	Physical Science		in School Education for Navakerala' by SCERT and Govt. of Kerala			
70.	A Study on Making an Interesting Mathematics Classroom Using Technology			Ms. Joyamol Baby	Mathematics		1 st Kerala School Education Congress on 'Quality Interventions in School Education for Navakerala' by SCERT and Govt. of Kerala	Kerala Arts and Crafts Village, Thiruvananthapuram	01-03 April 2023	
			Ms. Sanjiya Benny	Mathematics						
			Ms. Jwala Maria Cyriac	Mathematics						
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	വിദ്യാഭ്യാസം: പ്രയോഗികരയി ലെ പ്രതിസന്ധികളും നവ ആശയ രൂപീകരണവും ആവശ്യകതയും			Mr. Alex Jose	Malayala m		'Quality Interventions in School Education for Navakerala' by SCERT and Govt. of Kerala	Thiruvanan thapuram			
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			Mr.Haripr asad N	Natural Science							



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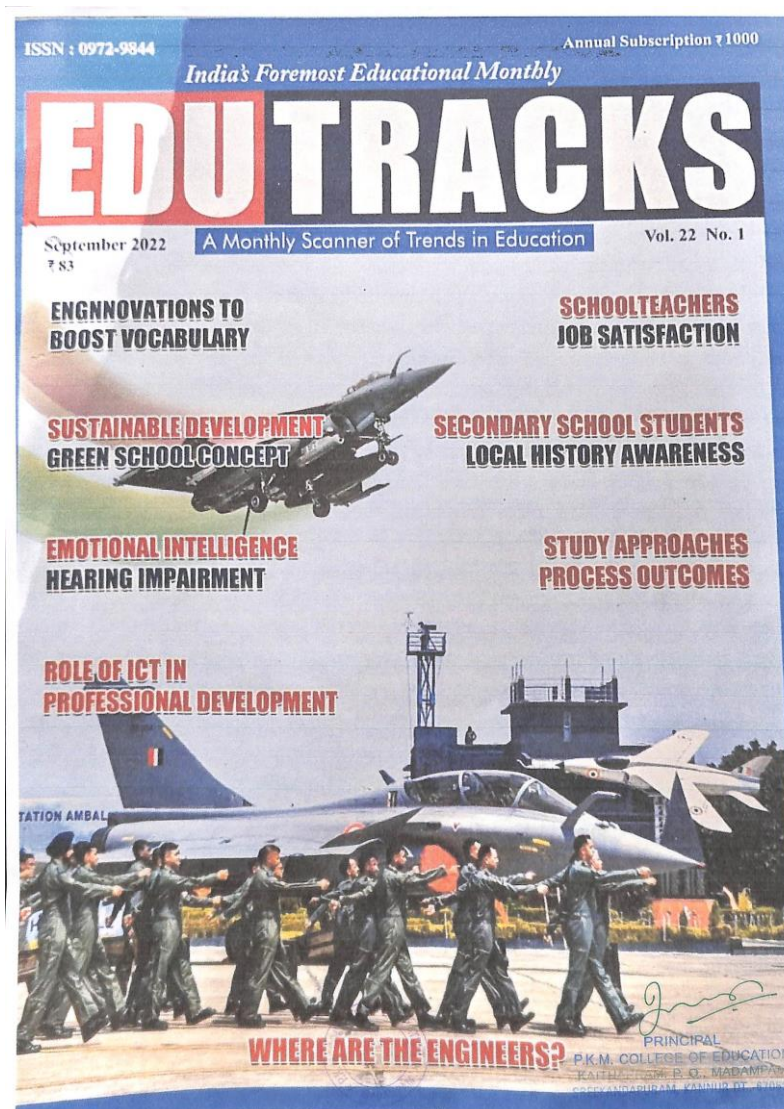


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Name of the Author: Dr. Maya J Pillai

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Maya J Pillai, Anjana. T

Impact of Study Approaches on Process Outcomes in Biology of 8th Standard Students of Kannur District of Kerala

research

Biological science is a study of living things on earth. 'Biology', the word is a combination of two Greek words 'Bios' (means life) and 'Logos' (means study). Through this study I'm trying to find out 'Impact of study approaches on process outcomes in Biology of 8th standard students in Kannur district' The method adopted for this study is Questionnaire Survey Method, involving a sample size of 50. By asking a total of 10 questions based on SCERT 8th standard Biological Science textbook, this study found that to learn and to reciprocate science, a student needs process skills like observation, communication, inferring, classifying etc. Without these process skills, learning science is not possible. The practical approach to teaching-learning provides better results than theoretical approach and this also complements better scientific process skills development.

Biological science is a study of living things on earth. The word 'Biology' is derived from Greek words 'Bios' (meaning life) and 'Logos' (meaning study). So, biologists actually study about the structure, growth, function, origin, evolution and distribution of living organisms. (Alane Lim *et al.*, 2022). It is a branch of science that helps us to learn more about the mysteries of the biological world. Every organism in this world is connected to each other as well as to the non-living things in the world in such a manner that they can't exist in absence of one another. Starting from the microscopic form to the gigantic form, there exists life.

Learning biological science is like learning our own roots. The importance of Biology as a school subject is being emphasized more during recent days since pandemic diseases are spreading uncontrollably and the need to find cure for them is increasing. As a student, one needs to have basic biological sense since it allows them to learn about their own body, the complex organs and processes inside the body, their connection with other living things and also about how much they are dependent on the non-living things of this world for living. From the start of schooling, basic Biology is

being taught to the students because it has been proved that learning the same from the young age might spark an interest in them and lead them to become more conscious about the environment. Furthermore, this may also help them to choose better Biology related careers when they grow up. Biology is an appropriate subject for the students who are curious about the world and who are more interested in practical works. It helps students to learn about plants and how human life is indebted to the flora for their life. Learning Biology will help them to be more compassionate and responsible to the world.

Learning science is a very active process. One has to be way too conscious while dealing with science. It is not just the mind and brain, but also our hands that are actively involved in learning biological science. Practical approach is chosen over theoretical approach in the teaching-learning of Biological science since it can provide an effective understanding. To learn and to reciprocate science, a student needs process skills like observation, communication, interpretation etc. Without these process skills, learning science is not possible. The students who acquired better process skills will shine brighter than others in biological

science and they will be able to solve biological questions and summarize experimental results faster than others.

To find out whether these interpretations are right or wrong, Survey method seems to be the most appropriate out of all. Survey research is defined as "the collection of information from a sample of individuals through their responses to questions" (Check & Schutt, 2012 cited in J. Ponto, 2015). As this method provides an opportunity to use it either in quantitative data collection or qualitative data collection, it can well explore human behavior; so it is often used in social and psychological research (Singleton & Straits, 2009 cited in J. Ponto, 2015).

Here the survey method has been used to collect data about a sample of 50 students' response on the questionnaire about 'Impact of study approaches on process outcomes in Biology of 8th standard students of Kannur district'.

Dr. Maya J Pillai is an Associate Professor in Education, PKM College of Education, Madampam, Kannur, Kerala. Anjana. T is a B.Ed. Student with the same institution.

Name of the Author: Dr. Maya J Pillai

Title of Paper: A Comparative Study on the Relative Effectiveness of Online and Offline Science Learning among Higher Secondary School Students



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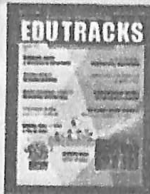
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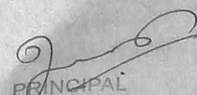
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P.K.M. COLLEGE OF EDUCATION
KAITHAR, M. P. O., MADAME, M.

A Comparative Study on the Relative Effectiveness of Online & Offline Science Learning among Higher Secondary School Students

The objective of this study is to understand the effectiveness of online and offline science learning among higher secondary students. The sudden outbreak of COVID-19 in various parts of the world in 2020 has severely affected the educational system. Students and teachers were constrained to accept the hybrid form of learning and also grasp the interest towards the classes that were conducted online. The study aims to investigate the effectiveness of online and offline science education among students. The study was carried out in Kannur and Kasaragod districts of Kerala with 54 respondents. The study indicates that the effectiveness of online science education is dismal. Teachers and students believed that online teaching is an extension of offline classroom teaching. Effective and appropriate use may help improve the teaching effect, but it is impossible to replace traditional classrooms.

The world has changed in the last few years due to the rare disaster COVID-19. During this time the scholarly world needs to move from customary method of talk conveyance to the online mode. The COVID-19 pandemic changed the strategy, interactions and interrelationship between the teachers and the learners. So, the entire world's teaching-learning community shifted to online mode to escape from the horrible world pandemic.

Leisi Pei and Hongbin Wu, (2019) stated that student motivation, technical issues, time management and limited Internet access are identified as major issues of online classes, which makes the offline education the most popular teaching method. Apart from various problems, online learning has provided benefits for expanding the scope of education and it was the only solution during the pandemic. There are many educational institutes that have initiated virtual classrooms, and smart classrooms before COVID-19. The change in the teaching-learning from traditional teaching of Chalk and Talk to smart classes and

then to totally online classes has shown 360 degree changes, but with these 360 degrees changes the revolution which needs to happen in terms of training mindset of students, teachers and society will slow the process.

Science teaching is conducted primarily in three types of learning environment: classroom, laboratory and outdoors (Orion, Hofstein, Tamir & Giddings, 1997). Science is the systematic study of the structure and behavior of the physical and natural world through observation and experiment. Designing and implementing online science course needs to be considered seriously to minimize problems that students encounter. This paper is an attempt to understand students' performance in online vs offline science subjects.

Research Method

The study examined the relative effectiveness of online Vs offline science learning. For the investigation, an online survey was carried out using Google Form. A survey is a research instrument that contains several questions to collect information through questionnaire, which can be

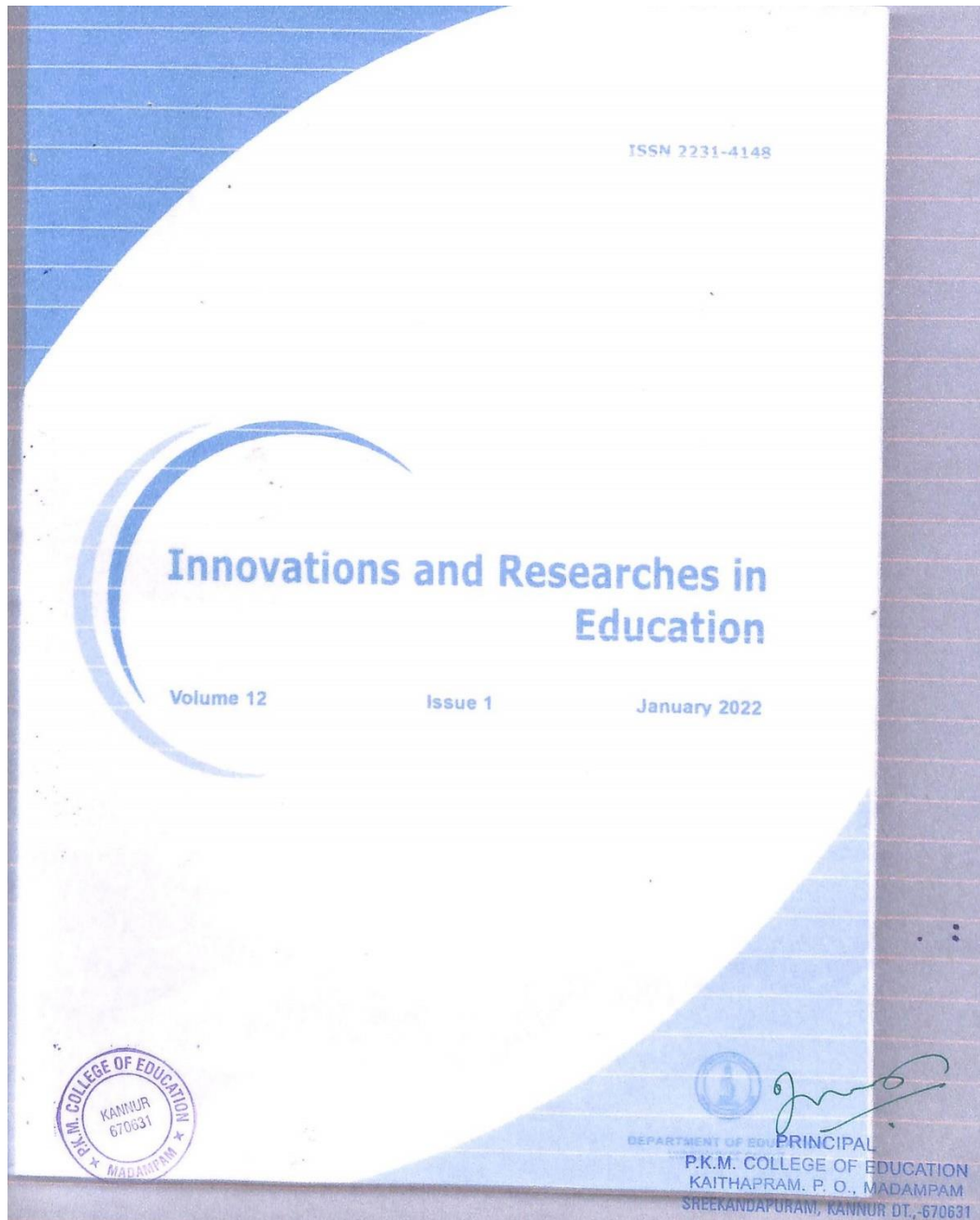
conducted either online or offline. The data is usually obtained through the use of standardized procedures to ensure that each respondent can answer the questions at a level-playing field to avoid biased opinions that could influence the outcome of the research or study. However, with the arrival of new technologies, it is common to distribute them using digital media such as social networks, email, QR codes, or URLs. A self-structured questionnaire was designed in which the first two questions were used to collect demographic information and remaining 9 questions were used to understand the students' performance in online Vs offline science classes.

In addition to primary data, the existing literature, books and journals provided additional insight into the study area. This survey aims

Dr. Maya J Pillai is
Associate Professor of Education,
P.K.M. College of Education,
Madampam, Kannur, Kerala.
Ahana Thomas is a
B.Ed. Physical Science
with the same institution.

Name of the Author: Dr. Sholly Joseph K

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The Effect of Change in Medium of Instruction in Mathematics Learning of Higher Secondary Students in Kannur District in Kerala

Dr. Sholy Joseph K *

Abstract: Problem-solving is an essential skill and it is an interesting activity for those who enjoy it. It is very important whether the learner can understand the descriptions given in the problem or not. The students who selected mathematics as a subject in higher secondary classes in Kerala have to solve a lot of problems in that subject. It is to be remembered that most of the students in Kerala are having their education through Malayalam medium up to tenth class. If they don't have proficiency in English, they will face some difficulties in problem-solving. The use of English as a medium of instruction in higher secondary classes sometimes frustrates the students learning efforts instead of facilitating them. This paper discusses how when the medium of instruction changes, it affects learning Mathematics in higher secondary level students. What are the difficulties of students due to changes in the medium of instruction and also highlights the methods and suggestions to overcome this barrier for better learning.

The goal of education globally is to create a simple, practical, repeatable process of learning. Perfect evaluation, learning, and assessment lead to increasingly better results for schools, teachers, or programs. For the teacher in the classroom, there are opportunities for being creative, reflection, and improvement. Teachers have to solve problems faced by the students as far as possible. The teachers should facilitate systematic and enthusiastic learning in the classroom. Many researchers have encountered pupils who face difficulties in learning mathematics and doing problems due to a lack of language competency in English (Arshad, 1997 & Marsh, Hau, and Kong, 2006).

When we think about the learning situation in Kerala, the students are learning through Malayalam medium or English medium as it is the choice of the child. But when a child reaches the higher secondary class, he/she has to learn in English medium and the child has no other choice. Hence there are well-known practical difficulties and problems with students who studied in Malayalam medium when they move to higher secondary level. The use of English as a medium of

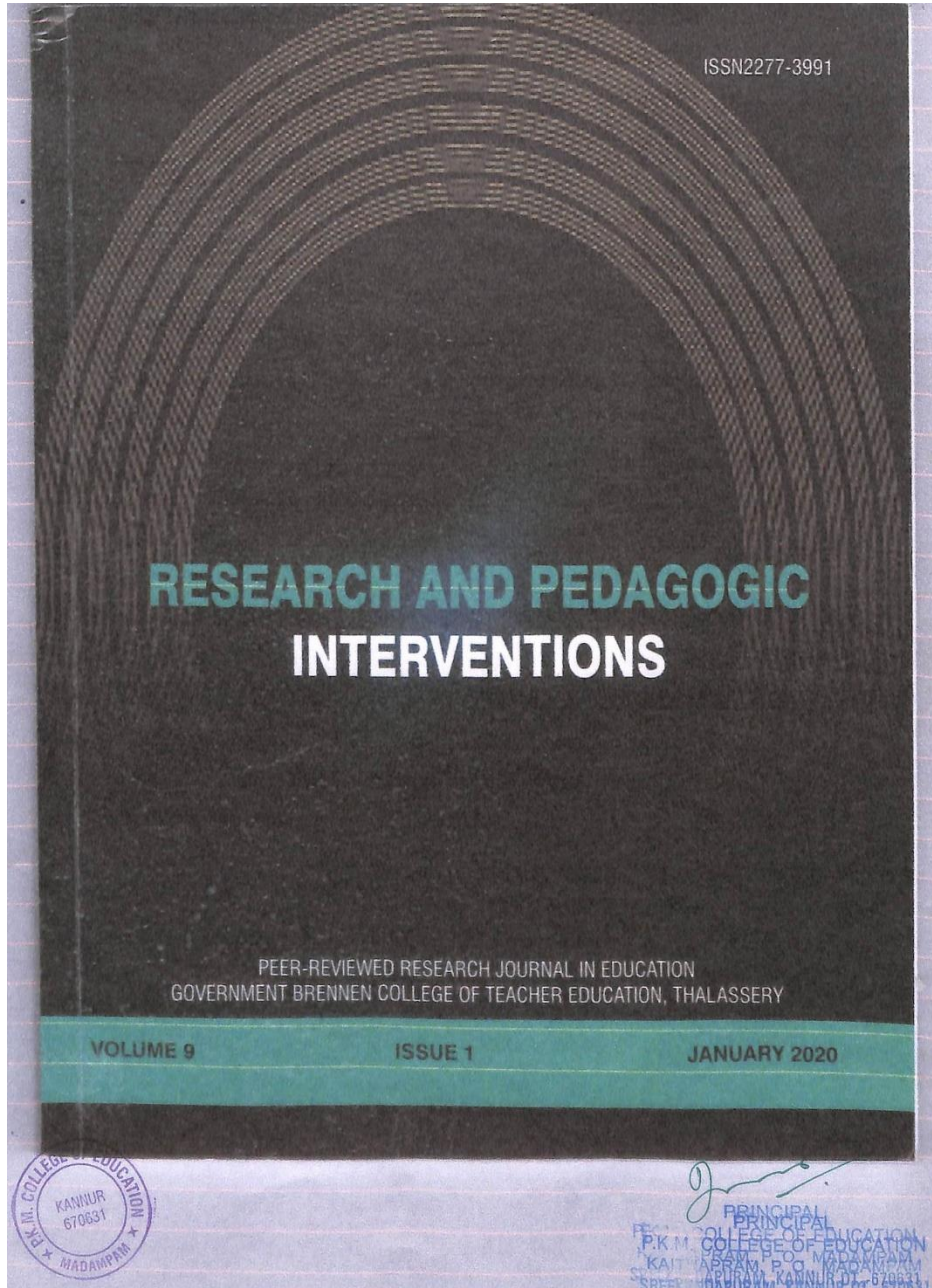


*Assistant Professor, PKM College of Education, Madampam

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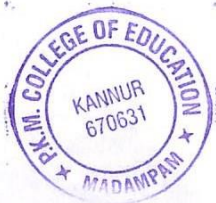


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COMMUNICATION AND PROBLEM SOLVING SKILLS OF SECONDARY STUDENTS IN THE KANNUR DISTRICT

Dr. Sholy Joseph K

Abstract

A well-known definition of problem-solving says that it is the act of defining a problem; determining the cause of the problem; identifying, prioritizing, and selecting alternatives for a solution; and implementing a solution. This study focuses on the oral and written communication and problem-solving skills of secondary students in the Kannur district. The data collected was qualitatively analyzed and as a result, it was found that students who were allowed to write or speak out loud in mathematics discussion exhibited more success in the mathematics classroom.

Introduction

Moving towards the goal of sustainability requires fundamental changes in human attitudes and behavior in this century. Progress in this direction is thus critically dependent on the quality of education and public awareness. Communication is the process of sending and receiving messages, through verbal or nonverbal means including speech or oral communication, writing or written communication, signs, signals, and behavior. More simply, communication is said to be "the creation and exchange of meaning." For the teacher in the classroom, it can provide opportunities for reflection

and improvement, a testing ground for improving the teacher's practice.

Effective communication is perhaps the most important of all life skills. It is found better problem-solving skills for those who have both oral and written communication. This study investigated the impact of oral and written communication, and students problem-solving skills. The investigator collected data to see how oral and written communication affected, the usage of mathematical vocabulary and students' attitudes towards mathematics.

Problem-solving consists of using generic or other methods, in an orderly manner, for finding solutions to prob-

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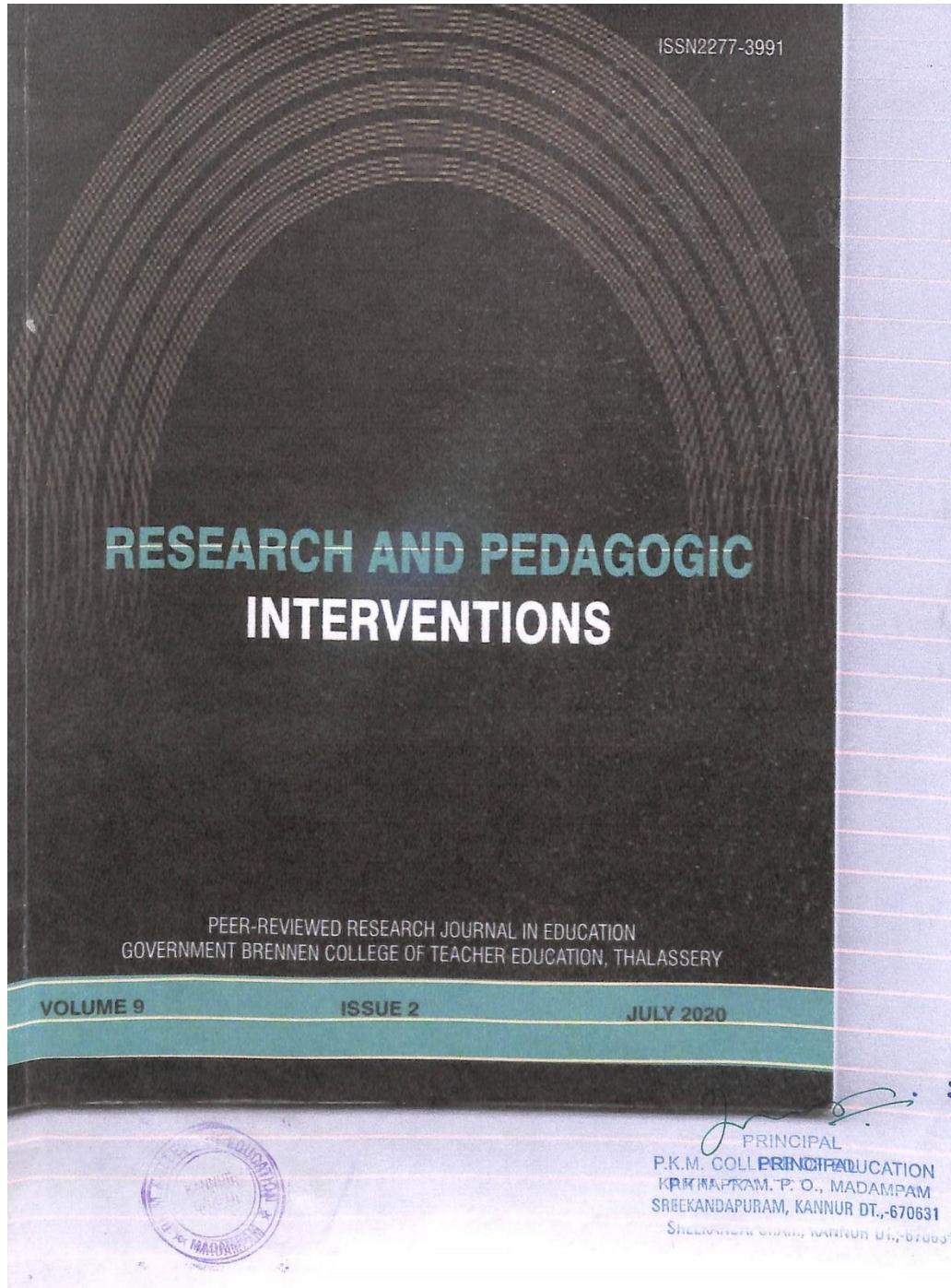


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THE DIFFICULTIES IN DOING DIVISION AND OTHER FUNDAMENTAL MATHEMATICAL OPERATIONS OF SECONDARY STUDENTS IN KANNUR DISTRICT

Dr. Sholy Joseph

Abstract

Mathematics is a compulsory subject from the initial stage of school education, and informally subject is dealt in the pre-primary level also. Therefore, learning Mathematics is important for every person and helps him throughout his life. As Mathematics is a compulsory subject, receiving quality learning in Mathematics is a right for every child. Many pupils feel difficulty in dividing numbers. The students are making too many mistakes when dividing numbers. This inability affects their scores in the examination. This qualitative study is an attempt to find out the difficulties of students in doing division and other fundamental operations and give all possible remedial measures to bring a difference in this inability of students.

Introduction

Mathematics is both an art and a science. It has a sense of outcome, a feeling of rightness, and a sense of catharsis. Everybody needs some knowledge of mathematics in one way or another. Mathematics is a very useful subject for most vocations and higher specialized courses of learning. In this fast advancing technological and computerized world, ignorance of mathematics will be a great handicap in the progress of any nation. It is also

believed that mathematics is an exceptionally difficult subject both to teach and to learn (Cockcroft, 1982) and its study requires special ability and intelligence. Affective, cognitive, and motivational factors are extrinsically linked to the learning, achievement and creativity in mathematics. Ma (1997) recommended that mathematics, especially difficult mathematics content, should be taught in an interesting and attractive manner so that students can enjoy it without feeling that learning mathematics is

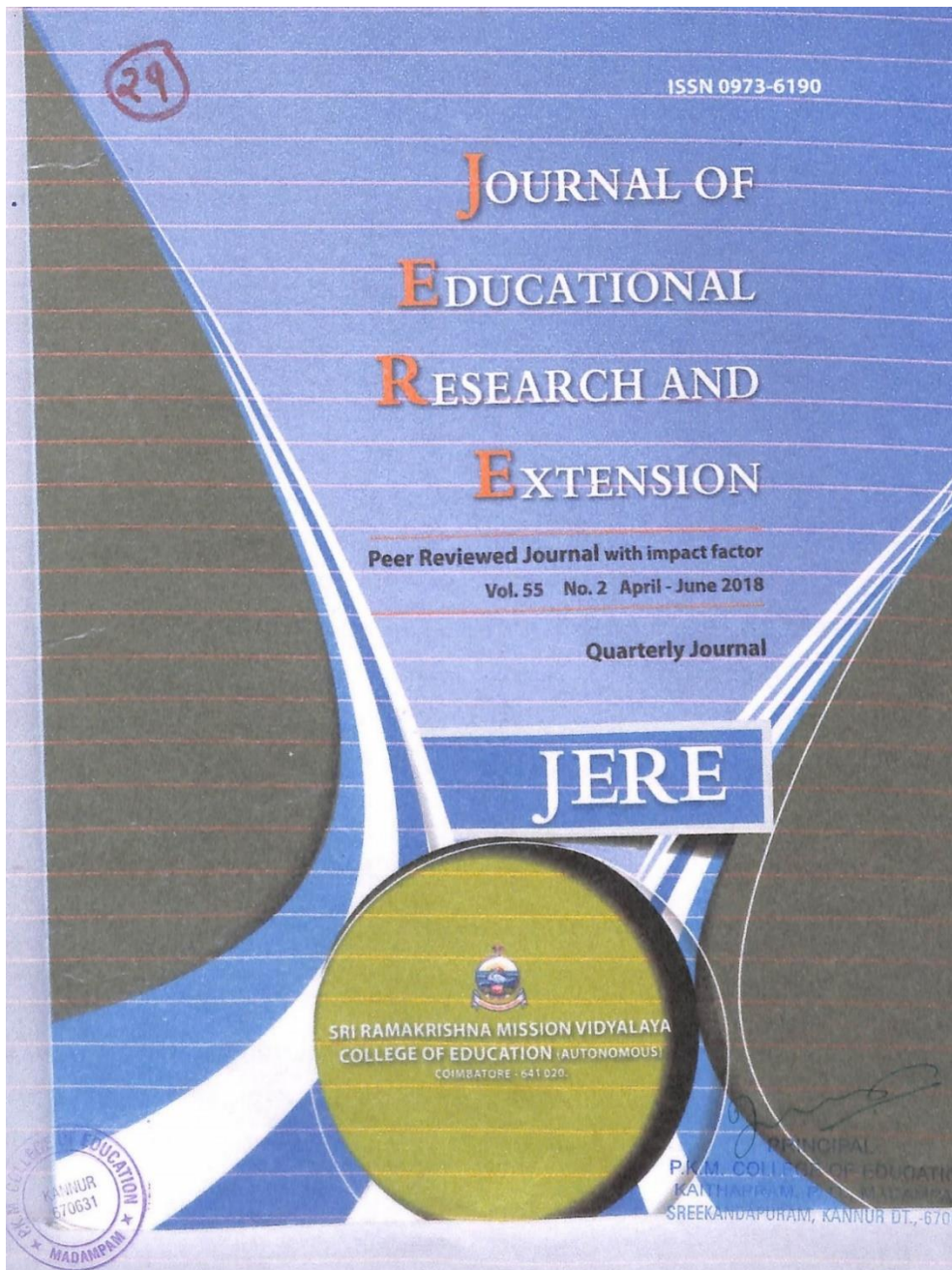
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KAITHAPRAM, P. O., MADAMPAM
SREEKANGAPURAM, KANNUR DT., 670631

Name of the Author: Dr. Sholly Joseph K

Title of Paper: Contribution and Strengthening of Women Entrepreneurs in the Modern India



A STUDY OF RELATIONSHIP BETWEEN CREATIVITY AND TEACHER EFFECTIVENESS OF PROSPECTIVE TEACHERS

40


Prof. Indumati T. Bharambe,
Head & Professor,
Department of Education,
Kavikulaguru Kalidas Sanskrit University,
Ramtek, Nagpur.

CONTRIBUTION AND STRENGTHENING OF WOMEN ENTREPRENEURS IN THE MODERN INDIA

49

Dr. Sholy Joseph K
Assistant Professor,
PKM College of Education,
Madampam, Kerala.




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CONTRIBUTION AND STRENGTHENING OF WOMEN ENTREPRENEURS IN THE MODERN INDIA

7

Dr. Sholy Joseph K
Assistant Professor,
PKM College of Education,
Madampam, Kerala.

INTRODUCTION

Women's empowerment has become a significant topic of discussion in the recent years. Women form a nation's significant human resource. Women's economic empowerment refers to the ability for women to enjoy their rights to control and benefit from resources, assets, income and their own time, as well as the ability to manage risk and improve their economic status and wellbeing. They should be used as instruments for the growth and development of economy of each and every state. Gender-sensitivity is required in developing production technologies for off-farm enterprises. An improved weaving device in India that required eight hours operation a day to make it profitable was rejected by women who only had two to four hours to spare for this particular activity (Carr, 1991).

Care must be taken in innovating with production technologies so that improved techniques really mean improved benefits for women.

Technological attempts to improve productivity in poultry have effectively removed women from poultry businesses in many countries as men were better able to profit from the innovation (Acharya, 1981). Women's economic empowerment refers to a process by which women expand their ability to succeed and advance economically, and where they have the power to make and act on strategic life decisions in a context where this power was previously denied to them. Many agencies work hard to improve the ability of market systems and other inclusive economic development practitioners to facilitate inclusive, empowering and sustainable services to women across the globe.

GROWTH OF WOMEN ENTREPRENEURS AT THE GLOBAL LEVEL

The acceleration of economic growth requires an increased supply of women entrepreneurs (Shah, 2012). The field of entrepreneurship has recently gained a vast popularity over

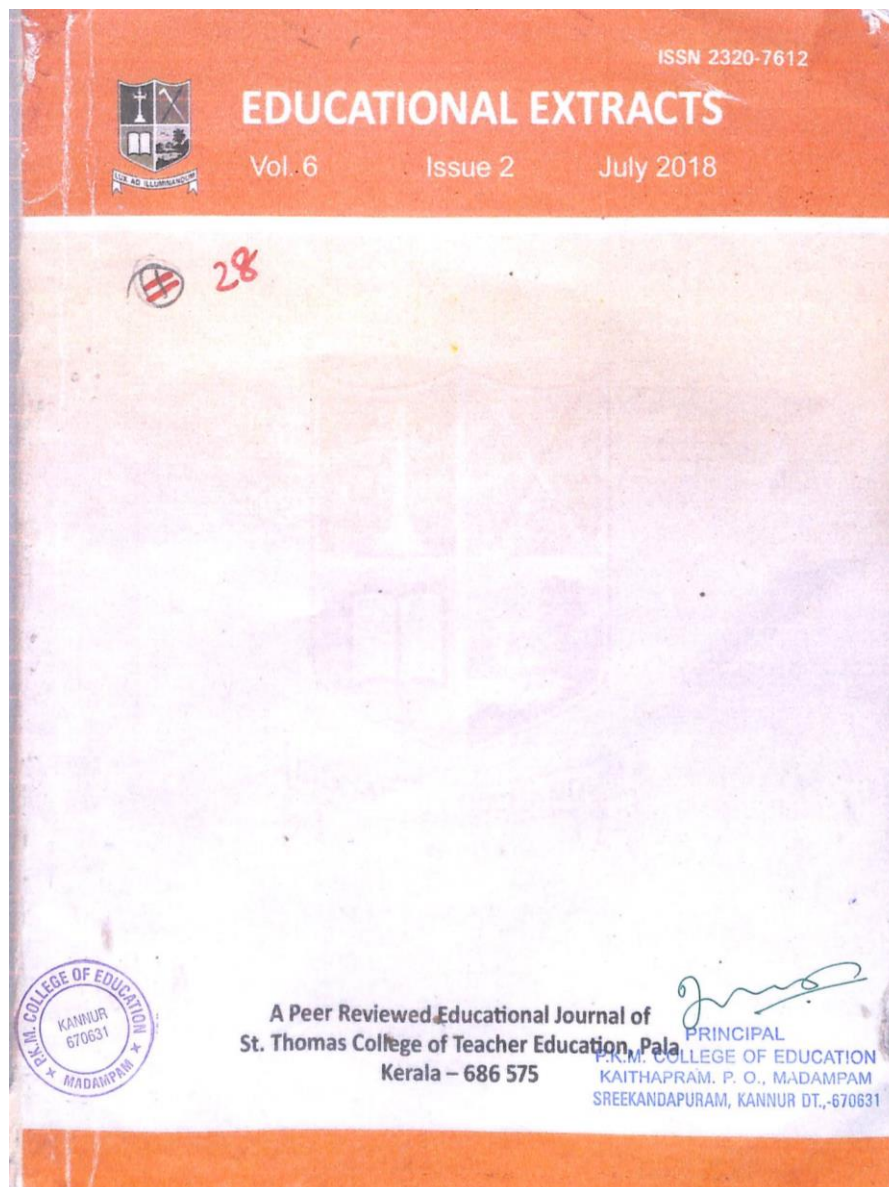


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Name of the Author: Dr. Sholly Joseph K

Title of Paper: The Difficulties in Mathematical Problems Solving Among Secondary School Students in Kannur District in Kerala



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Sd/-

Prof. Jose P. Mattam
Managing Editor & Publisher,
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THE DIFFICULTIES IN MATHEMATICAL PROBLEMS SOLVING AMONG SECONDARY SCHOOL STUDENTS IN KANNUR DISTRICT IN KERALA

Dr. Sholy Joseph K.*
Arya Vijayakumar**

Abstract

Mathematics is a skillful, though provoking and logical ability needed subject, which comes by proper training and proper learning. A successful Mathematician is blessed with complex problem solving skills that they can use in any situation of life. The fundamental goal of all instructions is to develop skills, knowledge and abilities that transfer to tasks not explicitly covered in the curriculum. A secondary goal of Mathematics teaching and learning is to develop the ability to solve a wide variety of complex problems. Problem solving was one of the major aspect in Mathematics curriculum which required students to apply and to integrate many mathematical concepts and skills as well as making good decisions. In this study, therefore, the investigator made an attempt to identify the difficulties while solving mathematical problems and is designed to find out the difficulties and how it affects the student's achievement.

Key Words: Problem Solving, Secondary School Students.

Introduction

Mathematics plays a very important role in our daily living. It is a subject that deals with the problems, which involve a process of analysis, computation and other mental skills. Historically, learning Mathematics and teaching it has been motivated by the belief that the study of Mathematics helps individual to learn, to reason and to apply such reasoning to everyday problems. This

matter, Mathematics develops the mind to think critically and analytically. It is more than counting, measuring, and computing. It is an eye opener to all sciences. As far as Mathematics instruction is concerned, the major goal is the involvement of the students in the process of discovering mathematical ideas and formulating process.

* Assistant Professor, PKM College of Education, Madampam, Kerala

** PKM College of Education, Madampam, Kerala



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SREEKANDAPURAM, KANNUR DT.,-670631

Name of the Author: Jomol Jose

Title of Paper: An Analytical Study on Role of Secondary School Biology Text Book on Environmental Education

Online International Interdisciplinary Research Journal, (Bi-Monthly), ISSN 2249-9598, Volume-12, Issue-02, Mar-Apr 2022

An Analytical Study on Role of Secondary School Biology Text Books on Environmental Education

Jomol Jose^a, Navya K. V^b

^aAssistant Professor in Natural Science, P. K. M. College of Education, Madampam, India

^bB. Ed. student, P. K. M. College of Education, Madampam, India

Abstract

Environmental education is the process that equips human beings with awareness, skills, attitude or commitment to improve his environment. It has great significance on different education levels from primary to higher education level. Here the researcher tried to analyzed secondary school biology text books. While assessing revised syllabus it was found that even the secondary level biology text books lacks the relevance of environmental education. While analyzing the topics in 8th, 9th, &10th standard biology texts from the year 2008 onwards it has been found that relevance of environmental education is being ignored. Since 2009, 9th &10th standard biology topics incorporated EVS topics such as biosphere, biodiversity etc. Afterwards syllabus shows no attention in these areas. The 8th standard topics tried to meet an introduction to ecology even now, where it denies the relevance on environmental hazards, environmental management and significance on environmental conservation. Years back biology text books tried to meet awareness, attitude, skills & commitment of environment through the inclusion of EVS topics. But the present trend in biology is very sorrowful, were climate change is in its peak. Environmental Education is the only weapon to overcome the present environmental crisis by educating the young minds from grass root level. Through varieties of instructional objectives, activities and teaching learning strategies a new curricular adaptation is required in this field for advancement of environmental education at each education levels. We should use Biology subject as a powerful tool to conserve our earth and it is not only for us but also for our future generations.

KEYWORDS: Environmental Education, Secondary School, Biology Text Book.

Introduction

The education system in India had incorporated certain aspects of environment in school curricula as early as 1930. The Kothari commission (1964-66) also suggested that basic education had to offer EE and relate it to the life needs and aspirations of the people and the nation. Environmental education at primary, secondary, higher secondary levels were treated in a different way. Environmental education is an essential part of every pupil's learning. It helps to encourage awareness of the environment, leading to informed concern for active participation in resolving environmental problems. It needs to introduce without any delay from class -1 as EVS, as a subject so that right from their childhood, the right attitudes towards environment will be nurtured in the young minds. The curricular, cross-curricular attempt of environmental education also should be a joy for the learner.



Jomol Jose
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KAITHAPRAM, P. O., MADAMPAM
SREEKANDAPURAM, KANNUR DT.,-670631

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Name of the Author: Jomol Jose

Title of Paper: A Study on Teaching Styles among Secondary School Teachers in Kannur District

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An Analytical Study on Role of Secondary School Biology Text Books on Environmental Education

Jomol Jose^a, Navya K. V^b

^aAssistant Professor in Natural Science, P. K. M. College of Education, Madampam, India

^bB. Ed. student, P. K. M. College of Education, Madampam, India

Abstract

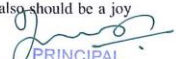
Environmental education is the process that equips human beings with awareness, skills, attitude or commitment to improve his environment. It has great significance on different education levels from primary to higher education level. Here the researcher tried to analyze secondary school biology text books. While assessing revised syllabus it was found that even the secondary level biology text books lacks the relevance of environmental education. While analyzing the topics in 8th, 9th, & 10th standard biology texts from the year 2008 onwards it has been found that relevance of environmental education is being ignored. Since 2009, 9th & 10th standard biology topics incorporated EVS topics such as biosphere, biodiversity etc. Afterwards syllabus shows no attention in these areas. The 8th standard topics tried to meet an introduction to ecology even now, where it denies the relevance on environmental hazards, environmental management and significance on environmental conservation. Years back biology text books tried to meet awareness, attitude, skills & commitment of environment through the inclusion of EVS topics. But the present trend in biology is very sorrowful, where climate change is in its peak. Environmental Education is the only weapon to overcome the present environmental crisis by educating the young minds from grass root level. Through varieties of instructional objectives, activities and teaching learning strategies a new curricular adaptation is required in this field for advancement of environmental education at each education levels. We should use Biology subject as a powerful tool to conserve our earth and it is not only for us but also for our future generations.

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Name of the Author: Dr. Sinoj Joseph

Title of Paper: Sports and Yoga – A Ray of Hope For the Disabled

Studies in Indian Place Names
(UGC Care Journal)

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Vol-40-Issue-50-March-2020

Sports and Yoga—A Ray of Hope For the Disabled

Dr.SINOJ JOSEPH

Assistant Professor in Physical Education, P.K.M College of Education,
Madampam, Kerala.

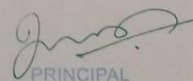
ABSTRACT

"The Disability Discrimination Act (DDA) defines a disabled person as someone who has a physical or mental impairment that has a substantial and long-term adverse effect on his or her ability to carry out normal day-to-day activities." Disability is not just a health issue, it is a complex phenomenon where in a person experiences and encounters a lot of stress to execute a particular task which he or she desires and often hard to achieve due to the impairments of various kind. It has an effect on his or her personal and social life. People with disabilities have the same health needs as non-disabled people. They also may experience narrower margin of health due to poverty, social exclusion or any other reasons. They also need assistance from the part of the other people in the society to lead a healthy and happy life. Some need more help while some others depend less, depending on their mental and physical capacity. I took personal interest to visit the schools of the physically and mentally challenged. I have a special taste and desire to work among these disabled children while I consider the important areas of my social work and thus giving preference in this particular area. Well, keeping this intention in mind as a foundation, I have taken this topic for my presentation, which I believe you too would be interested. I believe in the possible of the impossible. It is scientifically proved that physical activities and sports can do wonders in the life of a disabled. It can change their life and take to success. Sports and physical activities have a tremendous impact on the mental, physical and psychological health and development of the disabled. Researchers and scholars have proved through their thorough studies, trials, tests and experiments that certain activities would help in the development of the brain, while other activities may help in psychological health progress. Some activities strengthen the life skills too. Yoga plays a vital role in this. Some of the physical postures are not possible for the disabled, but they may be able to do pranayama exercise which has a lot of power to support health for the disabled. Yoga can help people even in self awareness and acceptance. Studies clearly prove that through the regular practice of yoga the physical weakness of the disabled could be improved to a certain extent. Sports can help in the development of internal organs and even in the neuro-muscular coordination. Activities such as meditation, dhyana, pranayama are within the capacity of the disabled. These things help the disabled to improve their internal status as well as actualize their dreams and goals in life. Sports and yoga infuse positive energy into them and set them free from frustrations, stress and disappointments. To sum up, Sports certainly empower the disabled and help to overcome the physical disability.

KEYWORDS: Sports, Yoga, Disabled.

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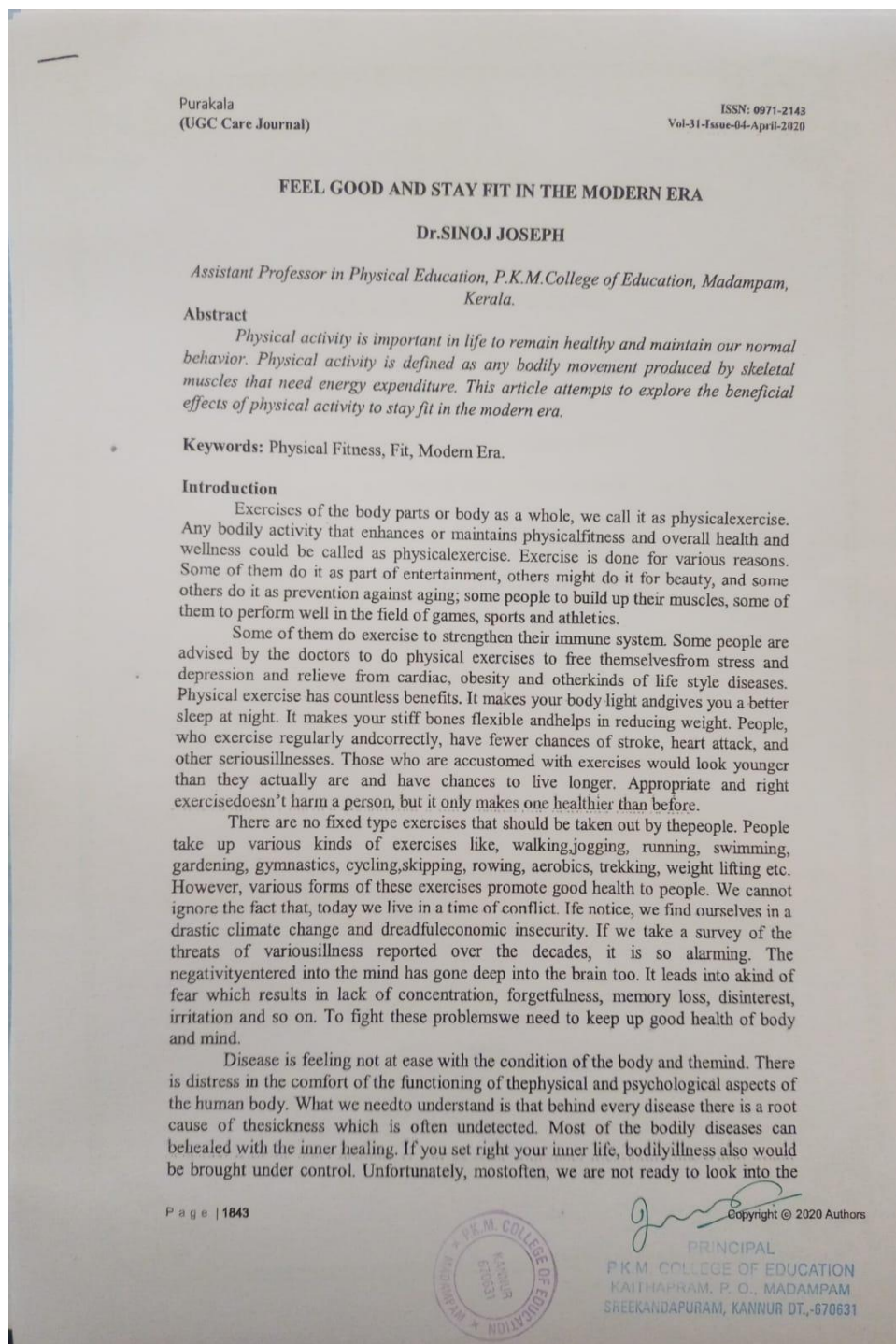

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Name of the Author: Dr. Sinoj Joseph

Title of Paper: Feel Good And Stay Fit In the Modern Era



Name of the Author: Dr. Sinoj Joseph
Title of Paper: Internal And External Stress

Kala : The Journal of Indian Art History Congress
ISSN : 0975-7945

INTERNAL AND EXTERNAL STRESS

Dr. Sinoj Joseph Assistant Professor in Physical Education, PKM College of Education,
Madampam, Kerala.

Abstract

There is no life without stress, Stress could be great or small. Certain amount of responsibility should be undertaken by every individual. Some of the responsibilities need to be given more attention and care. Most of the tension of the responsibilities can be conquered through prior preparation, advice from the experts and the people of experience. You can overcome stress if it is dealt properly. Preventive measures should be taken for the better maintenance of health. You need to take deliberate efforts to know that you are stressed and the reasons for your stress. Stress is a major factor that pushes a person to become an addict, but with time the dependence on drugs aggravates the symptoms of depression that push the patient to suicide. It is true even in the case of suicide. Good relationships would keep you happy and warm while bad relationships lead you to endless troubles. Unpleasant happenings sometimes cannot be changed, but we can change our attitude toward that displeasing event.

Keywords: Stress, Internal, External.

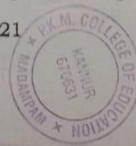
Introduction

Our living environment puts us in to various life situations. How you react to those situations depends upon the mental dispositions that you are in. You cannot do away with problems in life. Twists and troubles are part of life. Even simple things can be looked at as a problem by one and even a difficult thing can be looked at as a simple by another. It all depends on our mental disposition. So how do we manage these kinds of issues in life? Life is a series of actions. Every action is the result of our choice. Life is a series of choices. Every choice we make decides our future. To make right choices in life, we need not undergo special training. It is taught by life itself. There are some others who take training to be successful in making choices. They might have umpteen reasons for the same. Reacting to the situations differ from person to person. Certain events or thoughts could create stress in a person. Sources of stress could be internal or external. To make a wholesome person body and mind should work together. The body and the mind are interconnected. One cannot exist without the other. In the life of a person each one decides whether the situation is simple or complex. As a child, the parents and the elders decide for the child. But as you grow you make your own decisions. The dreams, needs and wants start changing as you grow. The environment, peer group and present society would influence your life. It has an impact on the life that you live.

There is no life without stress. Stress could be great or small. Certain amount of responsibility should be undertaken by every individual. Some of the responsibilities need to be given more attention and care. Most of the tension of the responsibilities can be conquered through prior preparation, advice from the experts and the people of experience. You can overcome stress if it is dealt properly. Responsibilities are good to keep us alert, active and involved. But too many responsibilities with too much complexity could lead a person to excess stress and nervous troubles. Every ailment of the body and the distress of the mind have a connection with our life style. If you are ill, you need to analyze your life and see what causes you that particular illness.

It is not very easy to find this out, however it is possible with a continuous effort of getting to know yourself. Understanding and learning about oneself is a herculean task.

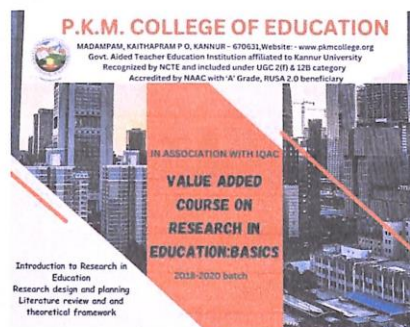
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Research Oriented Valued-Added Courses

Report of Research in Education: Basics 2018-2020



The Value-Added Course on Research in Education: Basics, conducted at PKM College of Education, Madampam, targeted the 2018-2020 batch. The primary aim was to instill foundational knowledge and skills in educational research.

This year-long course from 19/01/2019 to 15/02/2020 attracted a diverse group of 21 participants from the 2018-2020 batch at PKM College of Education, ensuring a rich exchange of perspectives and experiences.

Structured into various modules, the course covered essential aspects of educational research, including research design, methodology, data collection, analysis, ethical considerations, literature review, and presentation skills.

Successful completion resulted in the issuance of certificates, acknowledging their dedication and achievement.

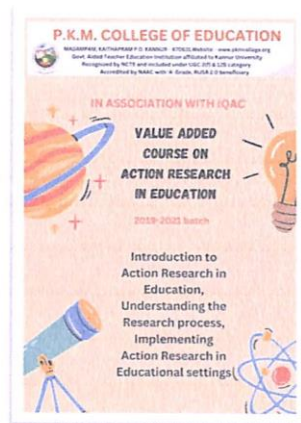
Feedback from participants underscored the effectiveness of the course. The interactive sessions and expertise of facilitators were particularly appreciated, indicating a positive impact on the learning community.

In conclusion, the Value-Added Course on Research in Education: Basics at PKM College of Education, Madampam, successfully achieved its goal of equipping students with foundational research skills. The course fostered a culture of inquiry and critical thinking, contributing to the overall development of participants



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Report of Value-Added Course on Action Research in Education 2019-2021



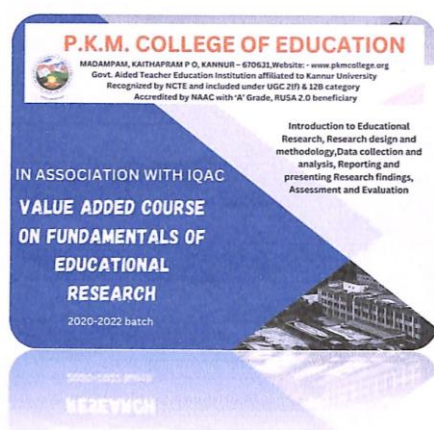
The aim of this one-year Value Added Course is to equip students of PKM College of Education, Madampam (Batch 2019-2021) with the essential skills and knowledge needed to conduct effective action research in the field of education. The duration of the course was from 18/01/2020 to 20/02/2021. 16 students participated for the course and has received course completion certificate for the same. The course enhanced the research skills and critical thinking and provides practical insights into addressing educational challenges. Fosters a culture of continuous improvement in education.

The Value-Added Course on Action Research in Education is designed to empower students with the skills to make meaningful contributions to the field of education. It serves as a valuable addition to their academic journey, preparing them for informed decision-making and impactful practices in their future educational endeavours.




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Report of Value-Added Course 'Fundamentals of Education Research 2020- 2022



In an ever-evolving educational landscape, the ability to conduct rigorous and impactful research is paramount to driving positive change and innovation in teaching and learning practices. The "Fundamentals of Education Research" course, spanning from January 16, 2021, to January 15, 2022, served as a

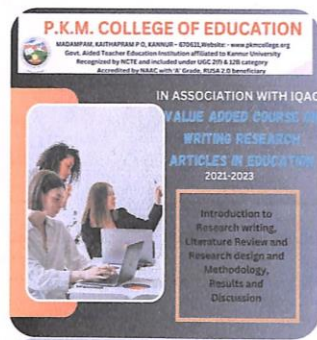
foundational platform for five participating students to delve into the intricacies of educational research methodologies and practices.

Throughout the course duration, participants were guided through a structured curriculum aimed at equipping them with essential skills and knowledge requisite for conducting high-quality educational research. Emphasis was placed not only on understanding the theoretical underpinnings of research methodologies but also on developing practical competencies in designing research studies, analyzing literature critically, and navigating ethical considerations inherent in the research process.



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Report of the value-added course on "Writing Research Articles in Education 2021-2023



The value-added course on "Writing Research Articles in Education" offered by PKM College of Education served as a pivotal opportunity for aspiring educators and researchers to hone their skills in academic writing and scholarly dissemination. Spanning from January 15, 2022, to February 18, 2023, this value-added course catered to a cohort of 17 students from the batches of 2021 to 2023, providing them with essential tools and knowledge for effectively communicating their research findings to wider academic audiences.

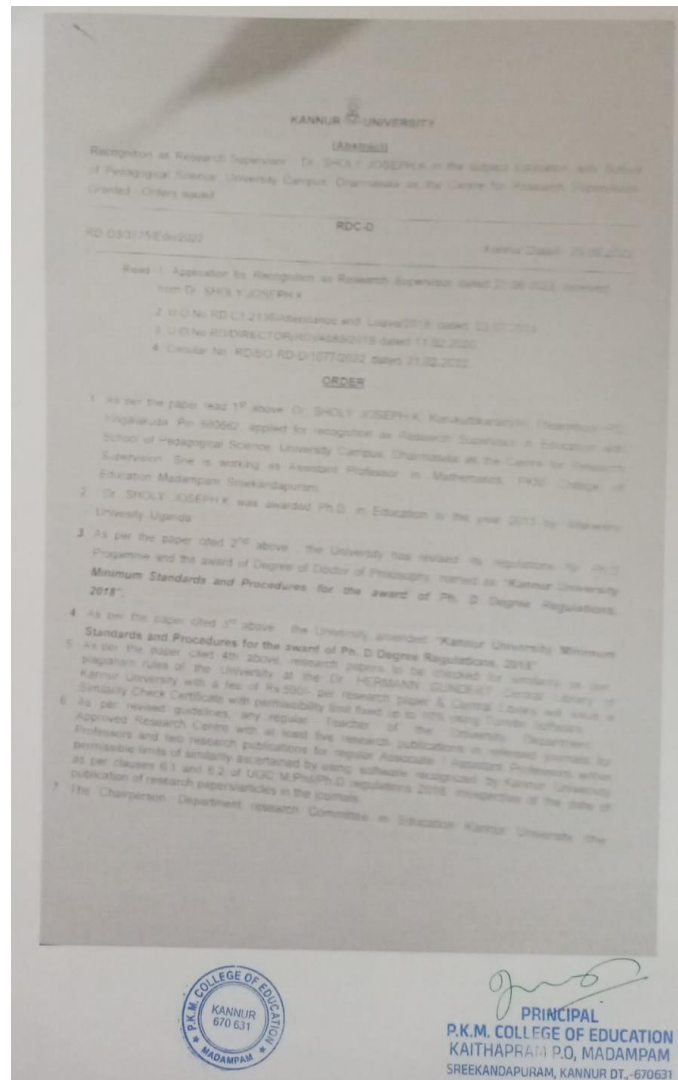
The "Writing Research Articles in Education" course offered by PKM College of Education has equipped students with the essential skills and knowledge required to effectively communicate their research findings through scholarly publications. By fostering a supportive and engaging learning environment, the course has empowered participants to become confident and proficient writers, poised to make valuable contributions to the advancement of knowledge in the field of education.



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Teachers Research Guideship Orders

Dr. Sholy Joseph K – Kannur University Associate Prof.in Mathematics



School of Pedagogical Sciences, Dharmashala, Kannur University Campus has identified that the research papers authored by Dr SHOLY JOSEPH K which are enclosed by her with the application for recognition as a Research Supervisor under Kannur University have been published in the UGC Approved list of journals/ Peer reviewed in the subject discipline Education, after the award of the Degree of Doctor of Philosophy and has recommended to consider the research papers submitted by her eligible for Research Supervisor in the subject Education under the University.

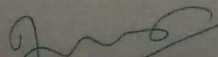
8. The Director, Research and Development Cell has recommended to consider the research papers submitted by Dr SHOLY JOSEPH K eligible for Research Supervisor in the subject Education under the University and also recommended Dr SHOLY JOSEPH K for nomination as Research Guide in Education till 31/05/2027.


9. The application for recognition as Research Supervisor submitted by Dr SHOLY JOSEPH K has been scrutinized as per the revised regulation for granting guide ship and the application is found to be in order. She has submitted all documents and remitted the requisite fee in the University fund (SBI Collect Reference Number DUJ1847492 Dated 17/08/2022).

10. Vice Chancellor, having considered the matter in detail, has accorded sanction to Dr SHOLY JOSEPH K being granted recognition as Research Supervisor in the subject Education with School of Pedagogical Science, University Campus Dharmashala, as Research Centre.

A Research Supervisor/Co-Supervisor who is a Professor at any given point of time, shall guide not more than eight (8) Ph. D scholars. An Associate Professor as Research Supervisor shall guide up to a maximum of six (6) Ph. D scholars and an Assistant Professor as Research Supervisor shall guide up to a maximum of four (4) Ph. D scholars. The Research Supervisor should submit annual declaration on the total number of research scholars working under his/her guidance before 31st of January every year. Allocation of research supervisor for a selected research scholar shall be decided by the Department Research Committee concerned depending on the number of scholars per research supervisor, available specialization among the research supervisors and research interests of the scholars as indicated by them at the time of interview. Supervisors who move to other Universities/ Colleges/ Institution or transferred to colleges of affiliated to Kannur University/ institutions outside the jurisdiction of Kannur University are permitted to supervise the existing candidates. They are not permitted to admit new candidates from Kannur University unless they take appointment/get transferred to a recognized research Centre in his/ her discipline affiliated to Kannur University.

Full time regular teacher, satisfying all conditions stipulated in clause 6.1 of Kannur University Minimum Standards and Procedures for the award of Ph. D Degree Regulations, 2018 and working in a department of a College/Centre affiliated to the University which is not a recognized research Centre in his/her discipline, and working as a Research Supervisor at a nearby research Centre/ Department of the University in the same discipline, shall be permitted to continue subject to the approval of the Department Council. Recognition given to a researcher as Supervisor shall be valid till his/her retirement.





research student under a Research Supervisor submit his/her Ph.D. thesis for
indication, the date of submission of Ph.D. thesis will be considered as date of occurrence
vacancy under that Research Supervisor in order to avoid the delay in granting registration
new research scholar

Research Supervisor is bound to follow the rules and regulations applicable and issued
the University and UGC from time to time, failing which the University reserves the right to
cancel the recognition as research Supervisor.

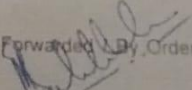
Only a full time regular teacher of the University/ constituent College/ Research Institute can
act as a supervisor. External supervisors are not allowed. However, Co-Supervisor can be
appointed in inter-disciplinary areas from the same or other departments of the same institute
with the approval of the Department Research Committee.

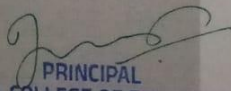
Orders are issued accordingly.


Sd/-
Dr. Anil R
DIRECTOR (Research and Development
Cell)
For Director

Dr. SHOLY JOSEPH K

1. Head of the Research Centre
2. RDC B/RDC C/AR RDC
3. SF/DF/FC


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PRINCIPAL
P.K.M. COLLEGE OF EDUCATION
KAITHAPRAM P.O, MADAMPAM
SREEKANDAPURAM, KANNUR DT., -670631



Dr. Veena Appukuttan - Kannur University

Associate Prof.in Social Science


KANNUR UNIVERSITY

(Abstract)

Recognition as Research Supervisor - Dr. Veena Appukuttan in the subject Education with School of Pedagogical Science, University Campus, Dharmasala as the Centre for Research Supervision-Granted - Orders issued.


RDC-D

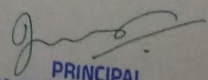
RD D3/3778/RG/Edn/2022 Kannur,Dated: 01.08.2022

Read:- 1. Application for Recognition as Research Supervisor dated 23.06.2022 received from Dr.Veena Appukuttan
2. U.O.No.RD C1.2136/Attendance and Leave/2018 dated 03.07.2019.
3. U.O.No.RD/DIRECTOR(RD)/4889/2019 dated 11.02.2020.
4. Circular No. RD/SO RD-D/1077/2022 dated 21.02.2022

ORDER

1. As per the paper read 1st above, Dr.Veena Appukuttan, Arathi house, Madampam, Kaithapram.P.O, Sreekandapuram, applied for recognition as Research Supervisor in Education with School of Pedagogical Science, University Campus, Dharmasala as the Centre for Research Supervision. She is working as Assistant Professor in Education, PKM College of Education, Madampam, Sreekandapuram.
2. Dr. Veena Appukuttan was awarded Ph.D. in Education in the year 2013 by Mahatma Gandhi University.
3. As per the paper cited 2nd above, the University has revised its regulations for Ph.D Progamme and the award of Degree of Doctor of Philosophy, named as "*Kannur University Minimum Standards and Procedures for the award of Ph. D Degree Regulations, 2018*".
4. As per the paper cited 3rd above, the University amended "*Kannur University Minimum Standards and Procedures for the award of Ph. D Degree Regulations, 2018*".
5. As per the paper cited 4th above, research papers to be checked for similarity as per plagiarism rules of the University at the Dr. HERMANN GUNDERT Central Library of Kannur University with a fee of Rs.500/- per research paper & Central Library will issue a Similarity Check Certificate with permissibility limit fixed up to 10% using Turnitin Software.
6. As per revised guidelines, any regular Teacher of the University Department / Approved Research Centre with at least five research publications in refereed journals for Professors and two research publications for regular Associate / Assistant Professors within permissible limits of similarity ascertained by using software recognized by Kannur University as per clauses 6.1 and 6.2 of UGC M.Phil/Ph.D regulations 2016, irrespective of the date of publication of research papers/articles in the journals.
7. The Chairperson, Department research Committee in Education Kannur University (the Head, School of Pedagogical sciences, Dharmasala, Kannur University Campus) has

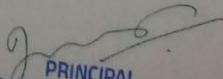



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SREEKANDAPURAM

certified that the research papers authored by Dr. Veena Appukkuttan, which are enclosed by her with the application for recognition as a Research Supervisor, under Kannur University have been published in the UGC Approved list of journals/ Peer reviewed in the subject/ discipline Education, after the award of the Degree of Doctor of Philosophy and has recommended to consider the research papers submitted by her eligible for Research Supervisor in the subject Education under the University. The Director, Research Directorate has recommended to consider the research papers submitted by Dr. Veena Appukkuttan eligible for Research Supervisor in the subject Education under the University and also recommended Dr.Veena Appukkuttan for nomination as Research Guide in Education till 31/05/2031.

8. The application for recognition as Research Supervisor submitted by Dr.Veena Appukkuttan has been scrutinized as per the revised regulation, for granting guide ship and the application is found to be in order. She has submitted all documents and remitted the requisite fee in the University fund. (SBI Collect Reference Number DUJ2218417 Dated 22/06/2022)
9. Vice Chancellor, having considered the matter in detail, has accorded sanction to **Dr. Veena Appukkuttan** being granted recognition as Research Supervisor in the subject **Education** with School of Pedagogical Science, University Campus Dharmashala, as Research Centre.
10. A Research Supervisor/Co-Supervisor who is a Professor at any given point of time, shall guide not more than eight (8) Ph. D scholars. An Associate Professor as Research Supervisor shall guide up to a maximum of six (6) Ph. D scholars and an Assistant Professor as Research Supervisor shall guide up to a maximum of four (4) Ph D scholars.
11. The Research Supervisor should submit annual declaration on the total number of research scholars working under his/her guidance before 31st of January every year.
12. Allocation of research supervisor for a selected research scholar shall be decided by the Department Research Committee concerned depending on the number of scholars per research supervisor, available specialization among the research supervisors and research interests of the scholars as indicated by them at the time of interview.
13. Supervisors who move to other Universities/ Colleges/ Institution or transferred to colleges not affiliated to Kannur University/ institutions outside the jurisdiction of Kannur University are permitted to supervise the existing candidates. They are not permitted to admit new candidates from Kannur University unless they take appointment/get transferred to a recognized research Centre in his/ her discipline affiliated to Kannur University.
14. A full time regular teacher, satisfying all conditions stipulated in clause 6.1 of Kannur University Minimum Standards and Procedures for the award of Ph. D Degree Regulations, 2018 and working in a department of a College/Centre affiliated to the University which is not a recognized research Centre in his/her discipline, and working as a Research Supervisor at a nearby research Centre/ Department of the University in the same discipline, shall be permitted to continue subject to the approval of the Department Council.
15. The recognition given to a researcher as Supervisor shall be valid till his/her retirement.
16. If a research student under a Research Supervisor submit his/her Ph.D. thesis for



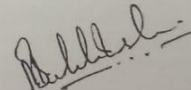

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adjudication the date of submission of Ph.D thesis will be considered as date of occurrence of vacancy under that Research Supervisor in order to avoid the delay in granting registration for new research scholar

17. The Research Supervisor is bound to follow the rules and regulations applicable and issued by the University and UGC from time to time, failing which the University reserves the right to cancel the recognition as research Supervisor.
18. Only a full time regular teacher of the University/ constituent College/ Research Institute can act as a supervisor. External supervisors are not allowed. However, Co- Supervisor can be allowed in inter- disciplinary areas from the same or other departments of the same institute or from other related institution with the approval of the Department Research Committee.
19. Orders are issued accordingly.

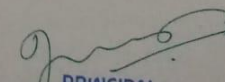
Sd/-
Dr. Anil R
DIRECTOR (Research and Development
Cell)
For Director

To: Dr. Veena Appukuttan
Copy To: 1. Head of the Research Centre
2. RD B/RD C/AR RD
3. SF/DF/FC



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PRINCIPAL
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KAITHAPRAM P.O, MADAMPAM
SREEKANDAPURAM, KANNUR DT.,-670631

**Dr. Prasanth Mathew – Lincoln University College
Assistant Prof in Physical Science**



Ref : LUC/CPGS/FOSAH/20210129/008
Date : 29-01-2021

**APPOINTMENT OF PRINCIPAL SUPERVISOR
POSTGRADUATE STUDIES**

Name - Prof. Dr. PRASANTH MATHEW
Address - Faculty of Social Science Arts and Humanities
Lincoln University College,
Wisma Lincoln, No. 12-18, Jalan SS 6/12, 47301
Petaling Jaya, Selangor DarulEhsan, Malaysia
Date : 29-01-2021

REF: APPOINTMENT OF SUPERVISOR FOR POSTGRADUATE STUDIES


Dear Prof. Dr. PRASANTH MATHEW


On behalf of the Lincoln University College, we are pleased to inform that you have been appointed to the Centre of Postgraduate Studies, Lincoln University College as a principal supervisor for the following candidate of the programme "Doctor of Philosophy in Education for the period of candidates' full tenure in Lincoln University College.

Student Name : Ms. Minimol George
Passport Number : T3453037
Student ID : LUC20210120002
Intake : 2101

The terms of the appointment are:

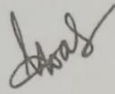
1. The appointment is for the candidate's full tenure as Doctor of Philosophy in Education scholar in Lincoln University College.
2. The Director, Centre of Post-graduate Studies can "terminate the appointment at any time if the Appointee is unavailable for a material period of time to carry out the duties or fails to comply with applicable policies, procedures, protocols or other requirements of the University College".




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3. Re-appointments can be made after satisfactory performance assessments and recommendation for re-appointment by the Faculty.
4. It is the responsibility of each appointee to familiarize him/herself with relevant Lincoln University College policies.
5. Should you have any further question on this appointment, be free to call the Centre of Postgraduate Studies or directly to the Faculty.
6. If you agree with the appointment, please complete the attached Letter of Appointment and return it to the Centre of Postgraduate Studies.

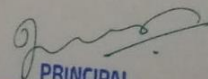
Sincerely,



Assoc. Prof. Dr. Arindam Das
Director
Centre of Post-Graduate Studies
Lincoln University College

Note:

PhD scholars should have four (4) publications in Scopus indexed journals and presenting three (3) or at least two (2) international conferences indexed in Scopus to present the research work before Draft Thesis submission.
All the affiliations of the students and supervisors in the said publications and conferences should be of Lincoln University College.



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Kannur University

KANNUR UNIVERSITY
(Abstract)

Research Guideship in Education to Dr.Prasanth Mathew with the Department of Education, School of Pedagogical Sciences,Kannur University, Dharmasala as Centre of Research Guidance—Granted—Orders issued.

Academic Branch



No.Acad.E2/14569/RG/12 Dated,17/05/2014.

Read:-

1. Application dt.18/10/2012 for Research Guideship submitted by Dr.Prasanth Mathew.
2. Ph D Degree Certificate issued by the University of Mysore on 05/03/2010
3. U.O.No.Acad.E1/Research/URC/09 dt.16/7/2011.

ORDER

1. As per the paper read (1) above Dr. Prasanth Mathew, Assistant Professor in Physical Science,P.K.M. College of Teacher Education, Madampam, Kannur has applied for research guideship in Education with the Department of Education, School of Pedagogical Sciences, Kannur University, Dharmasala as his Centre of Research Guidance.
2. Dr.Prasanth Mathew was awarded Ph.D Degree in Education in the month of March 5th 2010, by the University of Mysore, vide the paper read (2) above.
3. As per the paper read (3), the revised guidelines granting research guideship and status of research centre was implemented in the University with effect from 22-6-2011.
4. The application for research guideship submitted by Dr.Prasanth Mathew is in order as per the revised guidelines granting research guideship.
5. After considering the matter in detail, the Vice-Chancellor has ordered to grant research guideship to Dr.Prasanth Mathew in Education with the Department of Education, School of Pedagogical Sciences, Kannur University, Dharmasala as his Centre of research guidance.
6. The Research Guide will ensure that the research scholars under his/her guidance shall comply with the Regulations of the University and UGC regarding research.
7. The Research Guide shall follow the Rules, Regulations and Guidelines applicable and issued by the University from time to time on the matter.
8. The Research Guide of Kannur University is not to have more than eight Research Scholars under his/her guidance at a time including both the part-time and full time research scholars in this University and other University(ies).
9. The Research Guide of Kannur University should submit annual declaration on the total number of research scholars working under his/her guidance.
10. Teachers of the University Departments or Affiliated colleges in the Government/Aided sector, who are recognized as Research Guides by Kannur University are not permitted to register Research Scholars from other Unversities/Institutions without obtaining No Objection Certificate from this University.
11. The Research Guide is not permitted to supervise the research activities of any of his/her immediate relatives.
12. The Research Guide will intimate the University his /her transfer/retirement/ relief of duties from the present institution in time.

 
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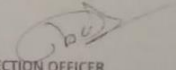
13. The Research Guide shall regularly monitor the research activities of the research scholars working under his/her guidance and report the matter to the University once in six months in the case of part-time scholars and once in three months in the case of full-time scholars. He/she should see that each of the research scholars working under his/her guidance present a work in 'Work in progress seminar' at every six months and report the same to the University through the Head of the Research Centre.
14. The Research Guide is bound to follow the rules, regulations and guidelines applicable and issued by the University and UGC from time to time, failing which the University reserves the right to cancel the Research Guideship granted to him/her.
15. The Research Guideship will automatically be cancelled, if no research scholars are registered under a Research Guide after four years from the date of recognition granted to him/her as a Research Guide.
16. If the research Guide feels that joint supervision is necessary for the research work having Interdisciplinary/multidisciplinary nature, the service of co-Guide may be made available, subject to the condition that the Research Guide has requested for the same specifying the name of Co-Guide.
17. Orders are issued accordingly.

Sd/-
Deputy Registrar(Academic)
For Registrar

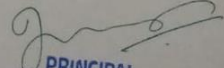
To
Dr. Prasanth Mathew,
Assistant Professor in Physical Science,
P.K.M College of Teacher Education,
Madampam, Kannur.

- Copy to:
1. The Principal,
P.K.M. College of Teacher Education,
Madampam, Kannur.
 2. The Head,
School of Pedagogical Sciences,
Dharmasala.
 3. EG1
 4. SF/DF/FC

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