

RESUME



Dr. Liz Kuriakose

PERSONAL INFORMATION

Date of Birth : 04-05-1979
Religion : Christian, Syro Malabar Syrian Catholic
Designation : Associate Professor
Mount Carmel College of Teacher Education for Women
Muttambalam P.O., Kottayam-686004
Date of entry into service : 05-06-2006
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ACADEMIC QUALIFICATIONS

Qualification	Institution/ University	Year of Passing	% of marks obtained	Division/ Grade
SSLC	St. Joseph's Convent GHS Thrissur	1995	87.1	Distinction
Pre -Degree (Maths, Phy, Chem.)	Little Flower College, Guruvayur Calicut University	1997	77.8	First Class
B. Sc Physics	Marthoma College, Chungathara Calicut University	2000	92.8	First Class

M. Sc Physics	SB College, Changanacherry Mahatma Gandhi University	2002	78.9	Distinction
B. Ed Physical Science	Farook Training College Calicut University	2003	70.4	First Class
M. Ed	Bharathidasan University, Thiruchirappalli	2004	75.1	Distinction
Ph. D Education	Bharathiar University Coimbatore	2019		
NET Education	UGC	2003		
SET Physics	Directorate of Higher Secondary Education	2004		

TEACHING EXPERIENCE

Institution	Post	Duration
Mount Carmel College of Teacher Education for Women	Substitute Lecturer in Physical Science (FIP Leave Vacancy)	08-09-2004 to 05-06-2006
Mount Carmel College of Teacher Education for Women	Assistant Professor in Physical Science Education	05-06-2006 to till date

RESEARCH EXPERIENCE

- Offered Research guidance for M. Ed dissertations at Mount Carmel College of Teacher Education for Women
- Co-investigator for the UGC minor research project *Identification of the misconceptions and the Effect of remediation strategies for its eradication in Physical Science among VIII standard students of Kottayam*, 2009.
- Principal investigator for the UGC minor research project *Development of a Digital Literacy Assessment Package to Assess the Digital Literacy of Higher Secondary School Students of Kerala*, 2014.

PAPERS/ ARTICLES PUBLISHED

1. Integrated Education in the Proceedings of UGC Sponsored Seminar published by St. Thomas College of Teacher Education, Pala in 2005
2. Lesson transcripts in Concept attainment model and Inquiry Training model in the proceedings of the State level workshop in Models of Teaching organized by Mount Carmel College of Teacher Education for women, Kottayam in 2005.
3. Awareness of Legal rights among Higher Secondary School Students of Kerala in *Education and Society*, ISSN 2319-9687, Vol. 1, No. 1 , Jan-Dec 2012
4. Effectiveness of Collaborative Learning Strategy on Achievement in Chemistry at Secondary School Level in *Education at the Crossroads*, ISSN 2320-0316, Vol. 1, No. 1 , Jan-Dec 2012
5. Effectiveness of Brain Compatible Learning on Achievement in Chemistry of IX Standard Students in *Carmel Graphics*, ISSN 2320-7299, Vol. 1, No. 1, Feb 2013
6. Remediation of Selected Misconceptions using inquiry based learning strategy in Physics in *The Ground Builder: An attempt to Recast Quality Education*, 2013
7. Assistive Technology for learning in the Inclusive Classroom, Proceedings of UGC Sponsored International Seminar on Learning Disabilities and Inclusion, Organised by Mount Carmel College of Teacher Education for Women, Kottayam, Kerala, on 14th and 15th February 2014, ISBN 9788192946801
8. Effectiveness of Peer Led Team Learning Model on Achievement In Physics of Students at Secondary Level in *Carmel Graphics*, ISSN 2320-7299, Vol. 2 , Kottayam, 2014
9. Digital Literacy: A Powerful Tool for Promoting Gender Equality, proceedings of UGC sponsored National Seminar on Prioritizing Gender Equality to Ensure Quality Enhancement and Sustenance in Higher Education, Organised by Mount Carmel College of Teacher Education for Women, Kottayam, Kerala, on 16th and 17th Dec 2014
10. Web 2.0 Literacy of Students at Higher Secondary School Level in *Carmel Graphics*, ISSN 2320-7299, Vol. 3, Kottayam, 2015
11. Digital Literacy: A Life Skill for the 21st Century Learners, Proceedings of the UGC Sponsored National Seminar on Revamping Teacher Education for Digital Age Learners - Challenges and Prospects, conducted by Mount Carmel College of Teacher Education for Women, Kottayam, on 17th and 18th September 2015
12. Health Literacy of Secondary School Students of Alappuzha District, Proceedings of the UGC sponsored National Seminar on Promoting Wellness and Fitness among Educators, conducted by Mount Carmel College of Teacher Education for Women, Kottayam on 10th and 11th March 2016

13. Ensuring Cyber Wellness through Digital Literacy, in *Carmel Graphics*, Vol. 4, April 2016, an Annual Peer Reviewed International Journal of Education; ISSN 2320 7299.
14. Gender Differences in Digital Literacy of Higher Secondary School Students of Kottayam Educational District in *Carmel Graphics*, April 2017, Vol.5, Issue:1, An Annual Peer Reviewed International Journal of Education; ISSN 2320 7299.
15. Scientific Literacy among Secondary School Students of Kottayam, Proceedings of the International Conference related to World Women's Day Organised by Tamil University, Thanjavur, March 2018.
16. Digital Media Literacy among Higher Secondary Students of Kottayam District. *Carmel Graphics*, April 2018, Vol: 6 Issue: 1, An Annual Peer Reviewed International Journal of Education; ISSN 2320 7299.
17. Digital Literacy among Higher Secondary Students of Kerala, *Review of Research*, October 2018, Vol:8 Issue:1-UGC Approved International Online Multidisciplinary Journal, ISSN 2249-894X
18. Moral Sensitivity among Adolescents in the Digital Age in *Carmel Graphics*, April 2019, Vol: 7, Issue: 1, An Annual Peer Reviewed International Journal of Education; ISSN 2320 7299.
19. Demographic Differences in Information Literacy among Higher Secondary Students in *Carmel Graphics*, April 2020, Vol: 8 Issue: 1, An Annual Peer Reviewed International Journal of Education; ISSN 2320 7299.
20. An Investigation into Demographic Variances in Moral Sensitivity among Higher Secondary Students in the Digital Era, *Shodh Sarita*, an International Multidisciplinary Quarterly bilingual peer reviewed refereed Research Journal, UGC Approved care Listed Journal, published by Sanchar Educational and Research Foundation, July- September 2020, Vol: 7, Issue 27., ISSN 2348- 2397.
21. Exploring the Effect of Device Literacy, Digital Media Literacy and Information Literacy on the Moral Sensitivity of Adolescents, *Shodh Sanchar Bulletin*, an International Multidisciplinary Quarterly bilingual peer reviewed refereed Research Journal, UGC Approved care Listed Journal, published by Sanchar Educational and Research Foundation, July- September 2020, Vol: 10, Issue 39, ISSN 2229- 3620.
22. Media Addiction among Higher Secondary Students of Kottayam in *Carmel Graphics*, April 2021, Vol: 9, Issue: 1, An Annual Peer Reviewed International Journal of Education; ISSN 2320 7299.
23. Gender differences in Digital Distraction among Higher Secondary Students of Kottayam, *Carmel Graphics*, April 2022, Vol: 10, Issue: 1, An Annual Peer Reviewed International

Journal of Education; ISSN 2320 7299.

24. Problems of learning among Tribal students in Wayanad district. Chapter in edited book *Academic Research Practices in Higher Education*, Vol. 1, UGC HRDC, University of Kerala, SIRA & SNM Training College, October 2022, ISBN 9788195717125
25. Social Media Competence among Higher Secondary Students of Kottayam, *Educational Extracts*, A Peer Reviewed Educational Journal, published by St. Thomas College of Teacher Education ,Pala, January 2023, Vol. 11, Issue 1, ISSN 2320-7612
26. Exploring the Critical Understanding of Digital Media among Higher Secondary Students, *GCTE Journal of Research and Extension in Education*, Published by Government College of Teacher Education, Thiruvananthapuram, Volume 18, Issue 1, January 2023, ISSN 0975-5144
27. Efficacy of Embodied Learning in Enhancing Inclusive Education, *Res Militaris*, Social Science Journal Association Res Militaris, ESSN 2265 6294, Winter - Spring 2023, Vol. 13, Scopus Indexed.
28. Crossover Learning is an innovative strategy for Environmental Education, *Journal of Survey in Fisheries Sciences*, Green Wave Publishing of Canada, ESSN 2285 2291, 2023, Special Issue Vol. 10, Scopus Indexed
29. The Digital Revolution : How Electronic Media is shaping Research Practices., Chapter in edited book *Futuristic Appositeness of Contemporary Research and NEP 2020*, Published by UGC HRDC, University of Kerala, SIRA & St. Thomas College of Teacher Education, Pala, February 2024, ISBN 9788192720180
30. Evolving Educational Technologies: A Bibliometric Study on AI Intelligent Tutoring Systems, *Journal of Theoretical and Applied Information Technology*, May 2024, Vol. 102, No. 10, Scopus Indexed.
31. Navigating the Digital Shift: A Bibliometric Analysis of Chatbot Applications in Education, *TEM Journal*, 2024, 13(4), Scopus Indexed.
32. The Ghost Effect: How Gamification can hinder genuine Learning, *Frontiers in Education*, 9:1474733, November 2024, Scopus Indexed.

BOOK PUBLISHED

- *Moral Sense of Digital Youth*, Lambert Academic Publication, Germany, July 2020, ISBN 9786202670739.

ACHIEVEMENTS

- Tamil Nadu Government Merit Scholarship for the meritorious achievement in the M.Ed Degree Examination in Department of Educational Technology, Bharathidasan University, Thiruchirappalli, in 2004.

- SWAYAM MOOC certification in Communication Technologies in Education conducted by University of Mumbai, 2020 (Credits- 4).

ORIENTATION/ REFRESHER/ FACULTY DEVELOPMENT PROGRAMMES ATTENDED

1. Attended UGC sponsored Orientation Programme (IT oriented) conducted by Academic Staff College, University of Kerala, from 14th June 2012 to 11th July 2012.
2. Attended UGC sponsored Refresher Course (Multidisciplinary) in Environmental Science conducted by Academic Staff College, University of Kerala, from 1st October 2012 to 22nd October 2012.
3. Attended UGC sponsored Refresher Course in Teacher Education conducted by UGC HRDC Bharathidasan University, Thiruchirappali from 18-01-2018 to 07-02-2018
4. Attended Short Term Workshop in Research Methodology conducted by College Development Council, Mahatma Gandhi University from 20/01/2020 to 24/01/2020
5. Attended UGC Sponsored Short Term Course in Social Connect Programme - NSS conducted by UGC HRDC, Bharathiar University from 06/02/2020 to 12/02/2020
6. Attended one week online FDP in Learning Management System (MOODLE) and Course Design conducted by Kerala State Higher Education Council conducted from 01-09-2021 to 06-09-2021.

POSITIONS HELD / MEMBERSHIP IN PROFESSIONAL BODIES

- Coordinator, IQAC
- Member, Board of Studies (UG) Education, Mahatma Gandhi University, Kottayam
- Nodel Officer, AISHE
- College Coordinator, Career Oriented Add on Programme
- Coordinator, SWAYAM
- Programme Coordinator, B.Ed Programme
- Coordinator, MOOC in Organic Farming
- Zonal Chairperson, B. Ed Degree Practical Examination, Mahatma Gandhi University
- Chief Examiner, B. Ed Degree Examination, Mahatma Gandhi University
- Admin, Coursera Campus Programme
- Chief Editor, Carmel Graphics 2020
- Life Member in Council for Teacher Education (CTE) Kerala
- Member in All Kerala Training College Teachers' Association (AKTCTA)
- Member in All Kerala Private College Teachers' Association (AKPCTA)