

RESUME



Bincy Xavier is a faculty member in Education at St.Thomas College of Teacher Education, Pala, Kerala, affiliated with Mahatma Gandhi University, Kottayam. She joined the college on the first of July 2024 as an assistant Professor (guest lecturer) in Mathematics Education. Now, she is pursuing PhD in Education at Mahatma Gandhi University Kottayam under the supervision and guidance of Dr.T.C. Thankachan, Professor St. Thomas College of Teacher Education, Pala.

Date of Birth : 27th December 1985

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EDUCATIONAL QUALIFICATIONS

Course	Year & Institution	University	Marks/Grade	Percentage
B.Sc (Mathematics)	2008-2011 Alphonsa College Pala	M.G University, Kottayam	670	67 %
M.Sc (Mathematics)	2013-2015 St.Thomas college Pala	M.G University, Kottayam	2.59	63 %
B.Ed (Mathematics)	2015-2017 St.Thomas College of Teacher Education Pala	M.G University	9.01	90.1%
M.Ed (Mathematics)	2017-2019 St.Thomas College of Teacher Education Pala	M.G University, Kottayam	9.03	90.3%
UGC-NET, JRF	2020 -NET in Education			
Pursuing PhD	2021 to continuing Reg.No: 136/2020 Supervisor: Prof. Dr.T.C.Thankachan (St.Thomas College of Teacher Education, Pala) Topic: Comparison of Digital, analogue, and Hybrid Gamifications on Problem Solving and Achievement in Mathematics among Secondary School Students University: M.G. University, Kottayam Research Center: School of Pedagogical Sciences			

CHAPTERS IN EDITED BOOKS

Effect of Gamification on Interest in Mathematics Learning *Academic Research Practices in Higher Education: Multidisciplinary Perspectives* published by UGC-HRDC, University of Kerala, Thiruvananthapuram 2022 ISBN: 978-81-957171-2-5.

Learning Up Learning: A Study on Analogue Gamification and its Effects on Problem Solving in Secondary School Students pp-161-167, in the Book *Futuristic Appositeness of Contemporary Research and NEP 2020* Feb. 2024 published by

UGC-HRDC, University of Kerala, Thiruvananthapuram, ISBN: 978-81-927201-8-0.

ARTICLES PUBLISHED IN SEMINAR PROCEEDINGS

Bincy Xavier and T.M Mollykutty, 'Technology-Mediated Classroom to Enrich Learning Mathematics Teaching', presented at the National Seminar on "Learning Platforms for Digital Natives" conducted by St. Thomas College of Teacher Education, Pala on 27 & 28 September 2018, ISBN: 978-81-908006-9-3.

Bincy Xavier and Dr. T.C Thankachan, 'Life Skills of College Students with Special Reference to Critical Thinking, Decision Making and Empathy', presented at the National Seminar on "Youth @75; Way Forward-Role of Teachers" conducted by Azadika Amirt Mahotsav, School of Pedagogical Sciences and Department of Printing & Publishing and Mahatma Gandhi University, Kottayam 2023 ISBN: 978-93-80419-72-5.

ONLINE SEMINARS/WEBINARS ATTENDED, NATIONAL/INTERNATIONAL

Three-day National Online Workshop on 'Hypothesis Formulation & Testing and Questionnaire Preparation' St. Thomas College of Teacher Education Pala and Lore & Ed Research Associates, January 28 – 30, 2022.

One Week Workshop on ICT in Education School of Pedagogical Sciences, Mahatma Gandhi University, Kerala, February 21 – 25, 2022

National Webinar on 'New Challenges in Higher Education' School of Biosciences, School of Pedagogical Sciences & Internal Quality Assurance Cell (IQAC) Mahatma Gandhi University, Kottayam, April 27, 2022

Three-day Professional Development Programme On 'Learning Through Gamification: Fun is the Future', IQAC, Nirmala College, Muvattupuzha, September 22 to 24, 2021

One Week Online National Workshop on 'Multivariate Data Analysis, Human Behavtics Private Limited, September 20 to 25, 2021.

30 Days International Workshop on 'Academic Writing and Communication Skills, Research Methodology, Reference Management and Academic Publishing' National Institute of Physical Medicine and Rehabilitation Social Justice Department, Government of Kerala, in association with Mahatma Gandhi University Library, Kottayam & Lore & Ed Research Associates, November 23 to December 31, 2021.

Online Research Development Programme (RPD) Mahatma Gandhi University Library September 27 – October 1, 2021.

Workshop Research Cell St. Joseph College of Teacher Education for Women, Ernakulam in, Lore and Ed Research Associates, Kottayam 03-06 December 2022

12-Day National Online Workshop Assumption College Changanacherry and Bishop Kurialassery College for Women, Amalagiri Lore and Ed Research Associates, Kottayam 06-24 August 2022

Webinar on LIFE DEFENDING SECRETS OF INCLUSION organised by Carmel Form of Mount Carmel College of Teacher Education for women, 22nd August 2022

Five-day workshop on RESEARCH METHODOLOGY organised by School of Pedagogical Sciences, M.G University Kottayam, 14,15,16,19 & 20 December 2022

International FDP cum Workshop on Plagiarism Detection in Research Paper and PhD Thesis using Software, Blue Crest University Liberia, Research India Foundation, 31st July 2022

National Seminar on Youth @75: Way Forward-Role of Teachers, School of Pedagogical Sciences, M.G University Kottayam, ICSSR March 1&2, 2023

Two-Day National Workshop on Team-Based Learning (TBL) for Higher Education Faculty and Research Scholars, School of Pedagogical Sciences, M.G University Kottayam. Maulana Azad Chair, March 17 & 18, 2023

Three-day International Virtual Conference on Nuances in Social Science Research Methodology, Academic Writing, and Reference Management: An Exploration St. Joseph College of Teacher Education for Women, Ernakulam, Kerala State Higher Education Council, April 17-19, 2023

International Online Workshop on Scholarly Writing & Publishing: Emerging Areas and Challenges from AI, Lore & Ed Research Associates, CMS College Kottayam, Marian College Kuttikkanam, Farook College Calicut, May 29 to July 03, 2023

Workshop on Unlocking Opportunities: ChatGpt, Building Your LinkedIn Profile, and Exploring MOOCs for Professional Growth, Organized by Maulana chair for studies on National Integration and School of Pedagogical Sciences, M.G University, on 20th October 2023

Two-day National Workshop on Digital Tools for Research Organised by Mount Carmel college of Teacher Education for Women in collaboration with School of Physical Education and Sports Sciences Mahatma Gandhi University Kottayam, on 2 and 3 November 2023.

30 day International Online Workshop on Scholarly Writing and Publishing: emerging Areas and Challenges from AI Organised by CMS College Kottayam, Marian College Kuttikkanam, Farook College Calicut, Lore & Ed Research Associates on 29 – 03 July 2023

National Seminar on Futuristic Appositeness of Contemporary Research and NEP 2020, organised by UGC- HRDC, SIRA and St. Thomas College of Teacher Education Pala, on 14-15 February 2024

5days Workshop for University Teachers on Development and Implementation of MOOCs organised by Mahatma Gandhi University, Maulana Azad Chair, School of Pedagogical Sciences, CDU on 22 – 27 January 2024

One-day Workshop on Research Proces – Knowledge Creation and Application Organised by IQAC and Research Center, St.Thomas College of Teacher Education Pala, on May 15, 2024

ARTICLES PUBLISHED IN PEER REVIEWED / UGC CARE JOURNALS

Xavier, B. & Thankachan T.C. (2024). Exploring the Effect of Difference Gamification Approaches on Mathematical Achievement *Indian Journal of Psychology Book* No. 2, 2024, Pp 31-36, UGC Care Group I, ISSN-0019-5553

https://www.researchgate.net/publication/378908749_UNLOCKING_POTENTIAL_A_STUDY_ON_THE_ENHANCING_EFFECTS_OF_GAMIFICATION_ON_PROBLEM_SOLVING_IN_SECONDARY_SCHOOL_STUDENTS

Xavier, B. & Thankachan T.C, (2023). Effectiveness of Hybrid Gamifications on Achievement in Mathematics among Secondary School Students *Journal of Advanced Zoology* Vol 44 (S-07), 2023, Pp 1852-1860, UGC Care Group II (Web of Science), ISSN 0253-7214 <https://jazindia.com/index.php/jaz/article/view/3419>

Xavier, B. & Thankachan T.C, (2024). Unlocking Potential: A Study on the Enhancing Effects of Gamification on Problem Solving in Secondary School Students, *Humanities and Social Science Studies*, Vol 13 Issue 1. No 09, January-June 2024 Pp 72-79, UGC Care Group I, ISSN-2319-829X

https://www.researchgate.net/publication/378908360_EXPLORING_THE_EFFECT_OF_DIFFERENT_GAMIFICATION_APPROACHES_ON_MATHEMATICAL_ACHIEVEMENT

CONTRIBUTION OF CONTENT

Contributed content on ‘Gender and Culture’ as part of the 5-day workshop for University teachers on the Development and Implementation of MOOCs

https://drive.google.com/file/d/1Ye_Jc79wOVGEz86mKRw_IEH82a_0lpO/view?usp=drive_link

ONLINE COURSES ATTENDED

10 Days Value-added Course on 'Teaching and Research Aptitude' offered by School of Pedagogical Sciences, M.G. University Kottayam. From (16-25 August 2022)

7-day value-added course on 'Standardisation of Research Tools' offered by the School of Pedagogical Sciences, M.G. University Kottayam. From (24-30 August 2022)

Value-added course on 'Vedic Mathematics Basic level Course' conducted by School of Pedagogical Sciences, M.G. University Kottayam. During August and September