

BIO – DATA



Prof. Sr. Beenamma Mathew, an educator deeply rooted in mathematics education, holds a Master's degree in Mathematics (M.Sc.) and a Master of Education (M.Ed.), showcasing her unwavering dedication to academic growth and teaching methodologies. Beginning her teaching journey in 2002 as an Assistant Professor of Mathematics Education at St. Thomas College of Teacher Education, Pala, she also gained valuable experience as a Lecturer in Education at the University Centre for Teacher Education, Kanjirappally. Her academic endeavors include a minor project completion and a Ph.D. from Bharathiar University, Tamil Nadu. Additionally, she holds a Diploma in MS-Office. Her areas of expertise encompass Mathematics and Mathematics Education, as well as the integration of educational technology in Mathematics instruction and fostering reflective teaching practices within the learning environment. She now serves as the principal of the college.

Name	:	Dr. Sr.BEENAMMA MATHEW
Date of birth	:	29 th May 1969
Gender	:	Female
Father's Name /guardian	:	Provincial Superior
Religion	:	Christian (Roman Catholic)
Marital Status	:	Religious
Permanent Address	:	F C Provincial House, Aruvithura P.O., Kottayam (Dt) KERALA – India. Pin-686 122

Official Address : Mobile No. 9447823393
Principal,
Assistant Professor of Mathematics Education,
St. Thomas College of Teacher Education,
Pala, Kottayam Dt., Kerala, INDIA.

E-mail address beenammamathew@yahoo.co.in,
rosemathewfcc@gmail.com.

CAREER OBJECTIVE:
To become an inspiring teacher educator

EDUCATIONAL QUALIFICATIONS

Course	Year and Institution	University	Marks	Percentage
SSLC	1984	Board of Public examination Kerala State	504	84
PDC	1986	Mahatma Gandhi University, Kottayam	517	57.44
B.Sc (Mathematics)	1986-89 Alphonsa College, Pala	Mahatma Gandhi University, Kottayam	869	86.9%
M.Sc (Mathematics)	1989-91 St. Thomas College, Pala	Mahatma Gandhi University, Kottayam	1022	73%
B.Ed (Mathematics)	1992-93 St. Thomas College of Teacher Education, Pala	Mahatma Gandhi University, Kottayam	647	64.7%
M.Ed (Education)	1997-98 St. Anne's College of Education Mangalore	Mangalore University Mangalore	569	71%
Ph.D (Education)	2017	Bharathiar University, Coimbatore-641 046		
N.E.T-UGC	December 1999 - Reg.NoR165469 -U G C, New Delhi.			
MS-Office in computer Applications	November 2001			

PROFESSIONAL EXPERIENCE - TEACHING (B. Ed Level)

Name of the Institution	Post	Duration
Mahatma Gandhi University College of Teacher Education, Kanjirappally	Guest lecturer in Mathematics Education	3 months
St.Thomas College of Teacher Education, Pala	Lecturer in Mathematics Education (Leave Vacancy)	10 months
St. Thomas College of Teacher Education, Pala	Assistant Professor of Mathematics Education (Permanent)	1/08/2002 till date

PROFESSIONAL EXPERIENCE - TEACHING (PG Level)

1. Seven Years of teaching experience in the Department of PG Studies in Education (M. Ed), St. Thomas College of Teacher Education, Pala, Kerala

PROFESSIONAL EXPERIENCE - RESEARCH (M. Ed, & Ph. D)

No.	Title of the Study	Name of the Candidate & Level of Research	Year
1.	A study on the common errors in Algebraic computation of the secondary school students	Honey Augustine	2006
2	A Study on the effect of Synectic Model of Teaching on Creative Writing in Malayalam among the pupils of standard seven of Thiruvananthapuram	Anurani A.J	2007
3	A Study on Reading Comprehension Ability in English with special Reference to Learning Styles Among the Higher Secondary school students of Kottayam District	Sherin Jose	2010
4	A Study on Mathematical Creativity and Numerical Aptitude Among the Higher secondary school students of Kottayam District	Gayathri .S.	2012

5	Misconceptions of students in Algebra and Interest Towards Mathematics	Rosamma George	2013
6	Application of Mathematical Concepts and Achievement in Mathematics among Ninth standard students of Kottayam district	Jibin George	2014
7.	Academic Buoyancy And Academic Self-Concept Among Ninth Standard Students Of Kottayam District	Haritha R	2015
8.	Cognitive Style and Academic Achievement among Student Teachers at Secondary Level	Tiya Tess George	2022
9.	Metacognitive Awareness based on Thinking Styles of Preservice Teachers	Nimi Jose	2023

UGC Minor Research Projects

1. Effectiveness of conceptual change models of learning on misconceptions in mathematics among secondary school students with different Learning styles. Amount Sanctioned: Rs. 77000/- (Completed)

ORIENTATION PROGRAMMES/ REFRESHER COURSES ATTENDED

1. Attended the Orientation Course at Academic Staff College, University of Kerala from 17-02-2005 to 16-03-2005.
2. Attended a refresher course in Education at Academic Staff College, University of Kerala, from 03-12-2007 to 24-12-2007.
3. Attended a refresher course in Education at Academic Staff College, University of Kerala, from 09-03-2017 to 29-03-2017

FACULTY DEVELOPMENT PROGRAMME

1. Attended Short Term Course in *Student Counselling and Mentoring* at Academic Staff College, University of Kerala, from 30/10/2017 to 04/11/2017
2. Attended Short Term course in *Women Empowerment* at Academic Staff College, University of Kerala, from 19/12/2018 to 27/ 12/ 2018

MOOC COURSES

1. Completed a SWAYAM online 4 credit course- Communication Technology in Education organized by IGNOU on 01 December 2018
2. Completed a SWAYAM online 4 credit course – Design and Facilitation of E- Learning Courses organized by IGNOU on 22 May 2019

BOOK PUBLISHED 2

1. **“Educational Evaluation and Research”** 2009, Prakash Publishers, Changanassery. (with T.C. Thankachan & Sr. Mary Thomas).
2. Beenamma Mathew (2022). *7E Learning Cycle Model- Rectification of Misconceptions*. Media House. Delhi. ISBN. 978-93-90608-34-8

CHAPTERS IN EDITED BOOK 6

1. Misconceptions of secondary school students in Geometry (p 33-39) in the book *Spectrum of Educational Initiatives*, March 2017
2. Challenges in Achieving Universal primary Education (p34-47), in the book *Millennium Development Goals: Insight and Praxis*, July 2017
3. Grief Theory – Significance and Techniques (p. 32-44), in the book *Counselling and Mentoring*, Nov. 2017.
4. Learning Basic Mathematics Concepts and Economic Sustainability (p.312- 323) Published in the book *Emerging management & Technology for Economic Sustainability*, 2017, ISBN:978-93-5228-080-3
5. Problems of Women and Girl child in the Society (p. 34-48), in the book *Women Empowerment Context & Concerns*, Feb. 2019

RESEARCH PUBLICATIONS IN JOURNALS 19

1. Mathew ,Beenamma and Joseph ,Celene(2014) ‘Development of a Three-Tier test to assess students’ Misconceptions about basic concepts in Geometry’, published in the peer reviewed *Journal of Education*, ‘Educational extracts’ of St.Thomas College of Teacher Education Pala Vol.2 Issue1, January 2014 with ISSN 2320-7612.
2. Mathew, Beenamma and Joseph, Celene (2014) ‘Misconceptions in Mathematics of Secondary School students with special reference to Learning Styles’ Published in the peer reviewed *Journal of Education*, ‘Educational extracts’ of St.Thomas College of Teacher Education Pala Vol.2 Issue2, June 2014 with ISSN 2320-7612.

3. Mathew, Beenamma and Joseph, Celene (2014) 'Effectiveness of 7E Learning Cycle Model on Achievement in Mathematics' in the peer reviewed Journal of Education 'TITUS TRACKS' of Titus 11 Teachers college Tiruvalla, Kerala, South India on Vol.4 Issue1 January 2014 with ISSN 2348-4527.
4. Thomas, Manjeena Maria and Mathew, Beenamma (2019) Calculation Errors in Algebraic Computations of secondary school students' Published in the peer reviewed Journal of Education , 'Educational Extracts' of St. Thomas College of Teacher Education Pala Vol.7 Issue1, January 2019 with ISSN 2320-7612
5. Austin Sunu and Mathew Beenamma (2019). ' Peace Value and Emotional Intelligence among Seventh Standard Students' published in the peer reviewed International Journal of Innovative Research Explorer Vol. 8, No.2, July- Dec 2019 pp 05-10 with ISSN 2347-6060.
6. Mathew Beenamma(2020). ' Digital Ethical Awareness- Screen age student – Teachers' Published in the online Journal 'Journal of Contemporary Educational Research and Innovations' Vol. 10, No. 1 January 2020 PP 01-05 with ISSN 2250-0618 (print), ISSN 2249-9636(Online). Available at <http://www.jceri.com> Comos Impact Factor-4.262, Info Impact Factor-2.8, Global Impact Factor 0.612.
7. Thomas Mary and Mathew Beenamma(2020). 'Metacognitive Awareness among Secondary level Prospective Teachers' Published in the online Journal 'Journal of Contemporary Educational Research and Innovations' Vol. 10, No. 1 February, 2020 PP 11-15 with ISSN 2250-0618(print), ISSN 2249-9636(Online).. Available at <http://www.jceri.com> Comos Impact Factor-4.262, Info Impact Factor-2.8, Global Impact Factor 0.612.
8. Thankachan, T. C., and Mathew Beenamma (2019). 'Peace Value Based Conflict Resolution for Ensuring Social Sensitivity in 21st century Net- Gen Learners' published in Peer refereed International Research Journal of Commerce, Management & Social Science, Mirror' Vol.9 No.2 pp127-132 December 2019 with ISSN 2249-8117.
9. Mathew ,Beenamma (2019). 'Mathematical Creativity of Higher Secondary School Students' published in Peer refereed International Research Journal of Commerce, Management & Social Science, Mirror' Vol.9 No.2 December 2019 pp 133-140 with ISSN 2249-8117.
10. Mathew ,Beenamma (2019). 'Investigation on Misconceptions with Respect to Basic Operations in Numbers' published in International Research journal Alfomine of Alphonsa College Pala Voi. 6 No. 8 December 2019 pp 146-151 with ISSN 2250-3890.
11. Mathew ,Beenamma (2020). 'Developing Peace Values through Constructivist Paradigm in Mathematics classroom' published in Peer refereed International Research Journal of Commerce, Management & Social Science, Mirror' Vol.10 No.1 March 2020 pp 10-14 with ISSN 2249-8117.
12. S Gayathri & Mathew, Beenamma (2020). 'Numerical Aptitude among Different Streams of Higher Secondary Schools students' published in an Annual Peer Reviewed International Journal of Education ' Carmel Graphics' Vol.8 Issue 1 April 2020 pp09-16 with ISSN 2320-7299.

13. Mathew, Beenamma (2020). '7E Learning Cycle – An Effective Design to Rectify Misconceptions in Geometry ' published in an Annual Peer Reviewed International Journal of Education ' Carmel Graphics'Vol.8 Issue 1 April 2020 pp 89-97 with ISSN 2320-7299.
14. Gender Discrimination among Rural population of Kottayam District published in Educational Extracts Vol. 11, Issue 1, January 2023 with ISSN- 2320-7612.
15. Cognitive Acceleration Approach for Enhancing Hypothesising in science. Educational Extracts Vol. 11, Issue 1, January 2023, ISSN- 2320-7612
16. 'The contemporary relevance of Gandhian Education in India (2023)' by Dr T.C. Thankachan and Dr. Beenamma Mathew, *Educational Extracts*, Vol 11 Issue 2, July 2023. ISSN 2320-7612. Pp 38-46.
17. 'Social Sensitivity among secondary school students (2023) by Dr Shajimon P P and Dr. Beenamma Mathew, *Educational Extracts*, Vol 11 Issue 2, July 2023. ISSN 2320-7612. Pp 64--68.
18. 'Pedagogical skills for the 21st Century Teachers (2023)' by Dr Alex George and Dr. Beenamma Mathew, *Educational Extracts*, Vol 11 Issue 2, July 2023. ISSN 2320-7612. Pp93--96.
19. 'Application of Mathematical concepts among secondary school students (2023) ' by Jibin George and Dr. Beenamma Mathew, *Educational Extracts*, Vol 11 Issue 2, July 2023. ISSN 2320-7612. Pp 102--109.

RESEARCH PUBLICATIONS IN CONFERENCE/ SEMINAR PROCEEDINGS: 14

1. Paper titled "Information and communication Technology in Pre-service Education" in the International conference on Quality Teacher Education And Information Communication Technology of All India Association for Educational Research organized by St.Christopher's College of Education, Chennai-600 007 during 27-29,July 2006. (published in the seminar proceedings)
2. Paper titled "7E Learning Cycle – A strategy to Inculcate Peace Values through Mathematics" in the International Seminar on 'Peace Education: An Orientation for GEN next' organized by CTE Kerala State centre and St. Thomas College of Teacher Education, Pala on 13th& 14th August, 2010. (published in the seminar proceedings).
3. Paper titled "Addressing Misconceptions in Peer Groups- A strategy for Developing Social Skills" in the UGC sponsored National Seminar on 'Education and Social Sensitivity' held at St. Thomas College Pala, on 25th& 26th November 2010. (published in the seminar proceedings).
4. Paper titled "7E Learning Cycle- A Constructivist Model for Tackling Misconceptions" in the UGC sponsored National Level Conference on Learning Innovation in Science Education, P.K.M. college of Education, Madampam on 2nd and 3rd February 2012. (published in the seminar proceeding).

5. Mathew, Anns. & Mathew, Beenamma (2015). Teacher Education-A Viable Tool for National Development. Paper presented at the UGC sponsored National Seminar on, Vision 2030: Contributions of Educational Researches on National Development, conducted at St. Thomas College of Teacher Education, Pala, Kottayam, Kerala ISBN: 978-81-927201-4-2. (published in the seminar proceedings).
6. Mathew, Anns. & Mathew, Beenamma (2017). Positive Thinking on Behavioural Modification among Adolescent Children, in the UGC sponsored Two Day National Seminar on 'Behaviour Modification: A Psychodynamic Approach to Maladjustment in Adolescents' conducted at St. Thomas College of Teacher Education, Pala, Kottayam, Kerala on 19th and 20th January (published in the seminar proceedings). ISBN: 978-81-927201-5-9.
7. Nair, S. Lekshmi., Joseph, Ann. M & Mathew, Beenamma (2017). Developing Self—Esteem as a way to encounter Maladjustment in Adolescents in the UGC sponsored Two Day National Seminar on 'Behaviour Modification: A Psychodynamic Approach to Maladjustment in Adolescents' conducted at St. Thomas College of Teacher Education, Pala, Kottayam, Kerala on 19th and 20th January ISBN: 978-81-927201-5-9. (published in the seminar proceedings).
8. George, A., Johny, S. & Mathew, B (2017). Constructivism – A Platform for Extroverts in the UGC sponsored Two Day National Seminar on 'Behaviour Modification: A Psychodynamic Approach to Maladjustment in Adolescents' conducted at St. Thomas College of Teacher Education, Pala, Kottayam, Kerala on 19th and 20th January 978-81-927201-5-9. (published in the seminar proceedings).
9. Mathew, Beenamma (2017). Human Rights of Women in the Context of Millennium Development Goals and Classroom practices, Published in the national conference proceedings of National Conference on Human Rights Education, 21st & 22nd Sept. 2017. ISBN 978-93-5001-559-9
10. Mathew, Beenamma (2018). Constructivism and Technology in Mathematics classroom, Published in the national conference proceedings of 'National Conference on Critical Pedagogy and Constructivism in the Digital Context – CPCDC 18', 26th April 2018. ISBN 81-865520-5356-
11. Rajan, Treasa Mary and Mathew, Beenamma (2018). Opportunities and Challenges of Technology Mediated Class rooms, Published in the Seminar Proceedings of Two day National Seminar cum workshop on Teaching Learning Platforms for Digital Natives jointly organized by UGC – HRDC University of Kerala On 27 & 28 September 2018 at St. Thomas College of Teacher Education, Pala. 978-81-908006-9-3.
12. Mathew, Beenamma & Domic, Lavina (2018). Netiquette Awareness Among Teacher Trainees of Graduate Level, Published in the Seminar Proceedings of Two day National Seminar cum workshop on Teaching Learning Platforms for Digital Natives jointly organized by UGC – HRDC University of Kerala On 27 & 28 September 2018 at St. Thomas College of Teacher Education, Pala 978-81-908006-9-3.
13. Mathew, Beenamma, Thomas, Anitta & Siby, Anu (2018). Digital Technologies in Mathematics Education, Published in the Seminar Proceedings of Two day National Seminar cum workshop on Teaching Learning Platforms for Digital Natives jointly organized by UGC – HRDC University of Kerala On 27 & 28 September 2018 at St. Thomas College of Teacher Education, Pala. 978-81-908006-9-3.

14. Mathew, Beenamma (2017) Human Rights of Women in the Context of Millennium Development Goals and Classroom practices, published in the proceedings of National Conference on Human Rights Education, 21st& 22nd Sept. 2017. ISBN 978-93-5001-559-9

Published Research Papers in Peer-reviewed or UGC listed Journals- 14

1. Disparity in Education and economic status of people pp720-724 published in Internal Journal of Research and Analytical Reviews, April 2018, vol.5 Issue 2, UGC No. 43602E-ISSN:2348-1269P-ISSN:2349-5138
2. Redefining the necessitate of Blended learning for z' and 'Alpha' generations, International Journal of Emerging Technologies and Innovative Research Vol. 5, Issue 5, May2018, UGC No. 63975 (ISSN: 2349-5162)
3. Awareness on legal provisions for safety of women and decision-making capacity of adolescent girls p 481-489, International Journal of Research and Analytical Reviews Vol.5, Issue 3september 2018, UGCNo.43602 -ISSN:2348-1269P-ISSN:2349-5138.
4. Conscientising the adolescents and youth on agricultural financing and education, International Journal of Creative Research Thoughts- Ijcr (Ijcr.Org) Volume6, Issue2 June2018.
5. Children playing video games: An inquiry on their self-esteem and self-confidence P 463-469, International Journal of Research and Analytical Reviews Vol6, Issue1, February 2019, UGC No. 43602 E-ISSN:2348-1269, P-ISSN:2349-5138.
6. Developing social skills among adolescents through Experiential Learning Model P 470-474 International Journal of Research and Analytical Reviews (IJRAR)Vol6, Issue1, March 2019, UGC No. 43602E-ISSN:2348-1269P-ISSN:2349-5138.
7. A Study on the use of Digital Technology and Digital divide in rural areas Pp49-56, Journal of Emerging Technologies And Innovative Research -Vol6, Issue4 April 2019, UGC No. 63975 ISSN- 2349-5162.
8. A study on cost of education in the context of commercialization 894-901, International Journal of Creative Research Thoughts- Ijcr (Ijcr.Org)Volume7, Issue1Feb.2019, UGC No. 49023 ISSN:2320-2882.
9. Influence of social networking sites in collaborative learning P 69-78, International Journal of Research and Analytical Reviews (IJRAR)Vol6, Issue2, April 2019, UGC No. 43602 E-ISSN:2348-1269 P-ISSN:2349-5138.
10. The balance of teachers' Knowledge, Technology, Values and Social commitment in the context of

21st century paradigm shift in Education P 193-196, Journal Of Emerging Technologies And Innovative Research-Vol6, Issue2 February 2019, UGC No. 63975 ISSN- 2349-5162.

11. Reflections on Social Sensitivity: A Concern of Morality P 879-882, International Journal of Creative Research Thoughts- Ijcr (Ijcr.org) Volume7, Issue2 May2019, UGC No. 49023 ISSN:2320-2882.
12. Peace Value n Emotional Intelligence among Seventh Standard Students, International Journal of Innovative Research Explorer Dec.2019, ISSN:2347-6060.
13. Metacognitive Awareness among Secondary Level Prospective Teachers, Journal of Contemporary Educational Research and Innovations Vol. 10,No.1, P 11-15 Feb. 2020, ISSN2249-9636.
14. Digital Ethical Awareness – Screen Age Students-Teachers, Journal of Contemporary Educational Research and Innovations Vol. 10, No.1, P0 1-05 Jan. 2020, ISSN2249-9636.

SEMINARS/CONFERENCES/WORKSHOPS ATTENDED

International

: 3

1. Participated and presented a paper on 'Information and Communication Technology in Pre-service Education' at the International conference on Quality Teacher Education and Information Communication Technology of All India Association for Educational Research organized by St.Christopher's College of Education, Chennai-600 007 during 27-29, July 2006.
2. Participated in the International Conference on "Educational Research and Learning beyond Cognition" held at St. Thomas College of Teacher Education, Pala, on 31st May to 2nd June 2007.
3. Participated and presented a paper on '7E Learning Cycle – A strategy to Inculcate Peace Values through Mathematics' in the International Seminar on 'Peace Education: An Orientation for GEN next' organized by CTE Kerala state centre and St. Thomas College of Teacher Education, Pala on 13th & 14th August, 2010.

National

: 21

1. Attended National Level Seminar on ICT the Contemporary Mantra for quality Education held on 1st & 2nd August, 2003 At St.Thomas Training College, Pala.
2. Participated in the national level Workshop on Tele-education held at VSSC on 6th October 2004
3. Participated in the National Level Work Shop on Integrating Human Rights Education into B.Ed Curriculum held at St.Thomas College of teacher Education, Pala on 4th – 6th August 2004
4. Attended a UGC Assisted National Seminar on "Quality Assurance & Excellence in Education" at Peet Memorial Training College, Mavelikara from 13th and 14th June 2005.
5. Attended a UGC sponsored National Seminar on Integrated Education and its Perspectives held at St.Thomas Training College Pala on 22nd and 23rd July 2005.

6. Participated in the National Seminar on 'Education the sine qua non for Sustainable Development' held at St. Thomas College of Teacher Education, Pala, on 20 and 21st August, 2009.
7. Participated in the UGC sponsored National Seminar on 'Quality Improvement in Educational Research: Innovative Trends' held at St. Joseph's Training College, Mannanam, on 6th March, 2010.
8. Participated and presented a paper on Addressing Misconceptions in Peer Groups- A Strategy for Developing Social Skills in the UGC sponsored National Seminar on 'Education and Social Sensitivity' held at St. Thomas College Pala, on 25th& 26th November 2010
9. Participated in the Work Shop on Research Methodology in Education held at Titus II Teachers College, Thiruvalla from 25th to 31st July 2011
10. Participated and presented a paper on "7E Learning Cycle- A Constructivist Model for Tackling Misconceptions" in the UGC sponsored National Level Conference on Learning Innovation in Science Education, P.K.M. college of Education, Madampam on 2nd and 3rd February 2012
11. Participated in the UGC sponsored National Seminar on Education for National and Emotional Integration held at St. Thomas College Pala, on 5-6 June 2012
12. Participated in the UGC sponsored National Seminar on Educational Renaissance for a New Generation organized by St. Thomas College of Teacher Education, Pala on 28th and 29th November 2012.
13. Reflections on Reflective Practices, UGC Sponsored National Level Seminar organized by St. Thomas College of Teacher Education, Pala 21st and 22nd November 2013.
14. Learning Disability; No Child Left Behind' A UGC Sponsored National Seminar organized by St. Thomas College of Teacher Education, Pala ,27rd and 28^h June 2013.
15. Yoga: A Panacea for Lifestyle diseases, A UGC Sponsored National Seminar organized by St. Thomas College of Teacher Education, Pala 23rd and 24th January 2014.
16. Vision 2030: Contributions of Educational Researches on National Development, UGC sponsored National Seminar, conducted at St. Thomas College of Teacher Education, Pala, Kottayam, Kerala, 6th and 7th August 2015.
17. Behaviour Modification A Psychodynamic Approach to Maladjustment in Adolescents, , A UGC Sponsored National Seminar organized by St. Thomas College of Teacher Education, Pala 19th and 20th January 2017.
18. Attended and presented a paper on Human Rights of Women in the Context of Millennium Development goals and Classroom Practices in the National Conference on Human Rights Education organized by the Alagappa University College of Education Karaikudi on 21 & 22 September 2017
19. Attended and presented a paper on Constructivism and Technology in Mathematics Classroom in the National Conference on " Critical Pedagogy and Constructivism in the Digital Context" organized by the Department of Education, Mother Theresa Women's University, Kodaikanal on 26th April 2018

20. Participated and presented a paper on Digital Technologies in Mathematics Education in the two day National Seminar cum workshop on Teaching Learning Platforms for Digital Natives jointly organized by St. Thomas College of Teacher Education Pala &UGC –HRDC University of Kerala On 27& 28 September 2018
21. A Two day National seminar on Futuristic Appositeness of Contemporary Research and NEP 2020 organised by St. Thomas College of Teacher Education in collaboration with the UGC-HRDC TVM on 14&15 February 2024

State and Regional

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1. Attended State level seminar on Grading system of education in Kerala held at Avila College of Education on 2nd July 2004
2. Attended state level seminar on Curriculum Transaction in Std. VIII using new text books held on 24th September, 2002 at Titus II Teachers College, Thiruvalla.
3. Participated in the workshop on B. Ed curriculum revision – Mathematics Education organized by All Kerala Training College Teachers' Association on 4th August, 2006.
4. Participated in the workshop on B. Ed curriculum revision – Modern Educational Practices organized by All Kerala Training College Teachers' Association on 7th August, 2006.
5. Participated in the state level seminar on Value Orientation in Teacher Education at St. Thomas College of Teacher Education, Pala on 22nd and 23rd August, 2006.
6. Participated in the Workshop on 'Value Analysis Model of Teaching' for Teacher Educators organized by St. Thomas College of Teacher Education, Pala under UGC Major Research Project on 21st and 22nd November, 2007.
7. Participated in the workshop for B.Ed. College Teachers (Optional subject-Mathematics) organized by School of Pedagogical sciences Mahatma Gandhi University on 28th March, 2008.
8. Participated in the Workshop on 'Value Analysis Model of Teaching' for Teacher Educators organized by St. Thomas College of Teacher Education, Pala under UGC Major Research Project on 26th June, 2008.
9. participated in the Workshop on 'Value Analysis Model of Teaching' for Teachers organized by St. Thomas College of Teacher Education, Pala under UGC Major Research Project on 16, 17, 18th July, 2008.
10. Participated in the State Level Seminar on 'Modern Trends in Curriculum Transaction and Evaluation' organized by St. Thomas College of Teacher Education, Pala on 22nd September, 2008.
11. Participated in the seminar on Issue Based Curriculum Transaction in Mathematics organized by All Kerala Training College Teachers Association held on 21st October 2008 at Titus 11 Teachers College , Tiruvalla
12. Participated in the two day Orientation Programme on 'Restructured B. Ed Curriculum of Mahatma Gandhi University' organized by MG University, Kottayam on 21st& 22nd October, 2009.
13. Participated in the two day State Level workshop on Materialising Social Constructivism and Critical Pedagogy in the Class Room on 16th&17th of January ,2009 at N.S.S. Training College Changanacherry

14. Participated in the Orientation to Teacher-Educators on Grading Pattern for Practical Courses of B.Ed. Programme held at Titus 11 Teachers College, Tiruvalla on 24th June 2010.
15. Participated in the Workshop on Practice Teaching Related Works organized by AKTCTA (All Kerala Teacher Training College Teachers' Association) on 26th March 2012
16. Participated in the Workshop on Preparatory & Practical Course in Teaching organized by All Kerala Training College Teachers' Association held on 4th June 2013 at St. Joseph's Training College Mannanam.
17. Participated in the Workshop for curriculum development of 2 Year B.Ed. programme organized by M. G University held on 4th to 7th May 2015 at M. G University Kottayam
18. Participated in the Workshop on curriculum development of 2 Year M.Ed. programme organized by PG Board of Studies in Education held on 18th to 21st May 2015 at M. G University Kottayam
19. Participated in 2 year B.Ed. Programme Orientation Programme organized by All Kerala Training College Teachers' Association held on 23rd September 2015 at St. Joseph's Training College Mannanam
20. Participated in the Workshop on Professional Development of College Teachers organized by All Kerala Training College Teachers' Association held on 4 February 2017 at Mount Carmel College of Teacher Education, Pala.
21. Attended a workshop on Designing Curriculum for Enhancing the Teaching and Professional Competency of College Teachers Organised by St. Joseph College of Teacher Education for Women, Ernakulam in Collaboration with All Kerala Training College Principals' Association On 13 June 2018
22. Participated in the Workshop on Reviewed B. Ed Curriculum of Mathatma Gandhi University, organized by the All Kerala Training College Teachers' Association held on 15 September 2018 at Mount Carmel College of Teacher Education for Women, Kottayam.
23. Participated in the Workshop on Four Year Integrated Teacher Education Programme: Concerns and Prospects, organized by the All Kerala Training College Teachers' Association held on 17 March 2018 at St. Thomas College of Teacher Education, Pala.
24. Participated in the Workshop on Orientation to 4 year Integrated B. Ed. programme, organized by the All Kerala Training College Teachers' Association held on 2nd March 2019 at Titus II Teachers College, Thiruvalla.
25. Participated in the Workshop on Learning Management System, organized by the All Kerala Training College Teachers' Association in collaboration with IQAC of Titus II Teachers College, Thiruvalla. held on 06.07.2019 at Titus II Teachers College, Thiruvalla.
26. Attended two day orientation programme for principals of Kerala Sided College principals by Kerala Sided College council on 11 & 12th August 2023.
27. Attended the seminar 'Implementing NEP 2020: Paradigm shift to A New Era of Education' organised by Syro Malabar Synodal Committee for Education on 26/07/2023
28. Attended the seminar on Implementation of Four Year Degree Programmes in Kerala: Structure, Concerns and Prospects organised by Xavier board south. Kerala Region on 29 September 2023.

29. Attended one day Workshop organised by SLQAC for unaccredited Government and Aided colleges of Kerala on 20/03/2024.

WEBINARS 8

1. Attended National webinar on Rethinking Evaluation organized by the Albertian Centre for Human Resource Development and Research, St. Albert's College (Autonomous) on 29th April 2020.
2. Attended the webinar on Changing role of Principal organized by St Xavier's College Mumbai, on 23rd May 2020.
3. Attended One week Online National workshop on Creative Adaptation- Reaching out through Digital Classrooms held from 19th to 25th May, 2020(8.30am to 10.30am) organized by the St. Thomas College of Teacher Education, Pala(IQAC) in collaboration with the UGC-HRDC, University of Kerala, Thiruvananthapuram.
4. Attended two day national webinar on NAAC Assessment and Accreditation Process of Teacher Education Institutions organized by St. Joseph's College of Education Mysuru, Karnadaka on 28th&29th July2020.
5. Attended webinar on Preventive Measures of Covid 19 at Libraries& Information Centres organized by College Libraeians' Association- Kerala on 6th August 2020.
6. Attended a webinar on Gender Sensitisation and Social Justice organised by the Women's Cell and IQAC of St. Thomas College of Teacher Education, Pala and St. Joseph's College of Education, Mysuru on 18 August 2020.
7. Attended a National Virtual workshop on VENDEL AP 2020 held on 16/9/2020 by Mahatma Gandhi National Council of Rural Education, Hyderabad.
8. Attended two days virtual workshop on 'A Hands –on experience in Live Streaming' by AKTCTA On May 19th & 20th 2021.

SOCIAL/COMMUNITY PROGRAMMES ORGANISED & PARTICIPATED

1. Acted as counselor for the Counselling Programme conducted in connection with GURUKULAM PROJECT Organised by District Police, Kottayam on 29.04.2014 at St. Thomas College of Teacher Education, Pala.
2. Acted as counselor for the Safety Awareness Cum Counselling Programme for Adolescent Girls Organised by MutholyGramma Panchayat in Collaboration with St. Thomas College of Teacher Education, Pala on 14th March, 2014.
3. Acted as counselor for the Personality Development and Counselling Programme for Adolescent Girls Organised by Pala Social Welfare Society and St. Thomas College of Teacher Education, Pala on 14th June, 2014.

ACADEMIC POSITIONS, ACTIVITIES & MEMBERSHIP IN PROFESSIONAL ORGANISATIONS

1. Teacher in charge of Extension service in the college
2. College council member, St.Thomas College of Teacher Education, Pala.
3. QAC member, St.Thomas College of Teacher Education, Pala.
4. Staff Advisor, St.Thomas College of Teacher Education, Pala.
5. Member of advisory committee for library, St.Thomas College of Teacher Education, Pala.
6. Convenor of Guidance and counselling cell
7. Planning committee member, St. Thomas College of Teacher Education, Pala.
8. Steering Committee Member St.Thomas College of Teacher Education, Pala
9. IQAC Member, St. Thomas College of Teacher Education, Pala
10. Anti- Sexual Harassment cell member, St.Thomas College of Teacher Education, Pala
11. Convenor of Work Experience committee St.Thomas College of Teacher Education, Pala
12. Health and First Aid Committee member ,St.Thomas College of Teacher Education, Pala
13. Coordinator of Anti- Ragging committee, St.Thomas College of Teacher Education, Pala
14. Teacher in charge of Mathematics Club, St.Thomas College of Teacher Education, Pala
15. Teacher in charge of Time Table setting, St.Thomas College of Teacher Education, Pala
16. Peer Reviewer – Education for National and Emotional Integration proceedings
17. Editorial Board member of seminar proceeding ,St.Thomas College of Teacher Education, Pala
18. Supervisor of Manuscript Magazine Mathematics club
19. Course writer of Post Graduate Diploma in Pre-Primary Education (PGDP.Ed) IGNOU.
20. Organized Intra class quiz competition in Mathematics
21. College course coordinator, St.Thomas College of Teacher Education, Pala
22. Life member, All Kerala Training College Teachers Association
23. Life Member, Council for Teacher Education
24. Life Member AIAER

INNOVATIONS/CONTRIBUTIONS IN TEACHING

a) Design of Curriculum

- Actively Participated in the revision of B.Ed curriculum for the M.G University
- Actively Participated in the preparation of 2year f B.Ed curriculum for the M.G University
- Actively Participated in the preparation of 2year M.Ed curriculum for the M.G University

b) Teaching Methods

- Prepared teaching manuals by using different techniques, strategies and models such as ,Herbatian approach,7E learning model, , concept attainment model, inquiry training model, and constructivist approach, concept mapping, think pair share, Advance organiser.

c) Laboratory Experiments

- Gave practice for using the education resource Geobra while teaching geometry
- Preparation of PowerPoint
- E-content

d) Evaluation Methods

Prepared Pro-forma for evaluating

- Constructivist lesson plan
- Criticism classes
- Micro teaching classes on the skills-stimulus variation, questioning ,reinforcement and Using Black Board, probing questions
- Projects and Models

Prepared Rubrics for Assessing

- Reflective Journal on Micro Teaching
- Project on Educational Survey

Prepared rating scale for assessing

- Micro teaching classes
- Link practice
- ICT enabled skills class

e) Preparation of resource material

Including books, reading materials, Laboratory manuals etc.

- Prepared printed notes on all topics according to the syllabus
- Set question papers for internal assessment and model examinations
- Collection of websites related to Mathematics Education
- Collection of news paper cuttings related to Mathematics teaching and Mathematics creativity
- Collection of downloaded materials for supporting geometry teaching
- Powerpoint presentations to supplement classroom teaching
- Printed format of constructivist lesson plan, micro teaching lesson plan and recodrs- Avchievement test, unit plan and project

BEST PRACTICES IN THE CLASSROOM

- Thought for the Day
- Manuscript Magazine
- Mathematics calendar
- Mathematician Map
- Snake and Ladder game to teach mathematics
- Document on mathematics Awards
- Mathematics Dictionary for secondary school students and teachers
- Collection of mathematics puzzles
- Tools for action research and projects
- Projects on contemporary issues related to Mathematics
- Workshop on learning aids preparation
- Google Class room
- Digital Branching programme for SCERT 8 standard students

BEENAMMA MATHEW

rosemathewfcc@gmail.com