



## Dr. Sholy Joseph K

Associate Professor in Mathematics

P.K.M College of Education

Madampam, Kannur, Kerala 670631

Email: [sholyjohny@gmail.com](mailto:sholyjohny@gmail.com)

### Academic Bodies/ Duties of Universities

- Chairman, Board of Studies in Education , Kannur University [at present],
- Former Chairman, Board of Studies in Education , Kannur University (2021-23),
- Former Member, Board of Studies in Education, Kannur University,
- Master trainer for Four Year Undergraduate Programme, Kannur University,
- Research Guide in Education of Kannur University
- Subject Expert, Selection Committee of Kannur University
- Expert Committee Member of Kannur University
- Chairman in Education for the Question Bank Preparation of Kannur University
- Curriculum restructuring committee member, Kannur University
- Department Research Committee Member, Department of Education, Kannur University
- Chairperson, Board of Examiners, Bed Practical Examination
- External Examiner, Bed Practical Examinations
- Chief Examiner of Bed Theory Examinations

### Academic Qualifications

Degree	University	Year	Specialization
M.Sc	Calicut University	1993	Mathematics
B.Ed.	Calicut University	1994	Mathematics
M Ed	University of Calicut	1996	Mathematics
NET	UGC	1996	Techniques of Evaluation, Mathematics Education
Ph D	Mekerere University, East Africa	2012	Mathematics Education

### Academic Achievements

- First Rank holder for B.Ed. (Bachelor of Education) from Calicut University, Kerala.
- UGC Minor Research Project on “Selected Psychological Variables as Correlates of Mathematical Creativity of Secondary Students in Kerala” completed.
- Peer reviewer for the journal of Korea Society of Mathematics Education
- Resource Person for National Seminars
- Life member of All India Association for Educational Research (AIAER).
- Prepared course outlines for four modules for Master of Science Education students of Makerere University, Kampala, East Africa

## Experience

From	To	Organization	Designation
2018	Till date	PKM College of Education, Madampam	Associate Professor in Mathematics
1997	2018	PKM College of Education, Madampam	Assistant Professor in Mathematics
1996	1997	Holy Family College of Education Palakkad	Lecturer in Mathematics(Adhoc)

## Professional Development programmes Attended

- Attended one week National Online Faculty Development Programme on 'How to Write and Publish Research Papers from 12.01 2024 to 18.01 2024.
- Attended Five-Day Online Training Programme, Analysing Qualitative Data Using Nvivo Software from 18. 12.2023 to 22.12. 2023
- Attended refresher course in Environmental Sciences at UGC-HRDC at Kannur University from 11.11.2015 to 01.12.2015
- Attended refresher course in Human Rights and Civil Laws at UGC-HRDC at Kannur University from 28.04.2015 to 18.05.2015
- Attended Refresher Course in Research Methodology from Kannur University Academic Staff College, Kannur from 4-1-2012 to 24-1-2012.
- Participated Orientation Course at the Kannur University Academic Staff College, Kannur from 4-07-2011- to 30-07-2011.
- Completed Course in Research Methodology on Quantitative and Qualitative Approaches from Makerere University, Kampala, East Africa from 05-11-2010- to 26-11- 2010.
- Completed Course on Information Management and Competence from Makerere University, Kampala, East Africa from 23<sup>RD</sup> June to 5<sup>th</sup> July 2008.
- Completed Course on Statistical Methods and Computer Applications in Research from Makerere University, Kampala, East Africa from 07-07-2008- to 25-07-2008.
- CCA (Certificate in Computer Applications) and Advanced Certificate in Computer Applications from Makerere University, Kampala, East Africa.

## Membership in academic and Professional Bodies

- CTE Permanent Member
- Life member of All India Association for Educational Research (AIAER).

## Independent Programmes / Committees

- **Programme coordinator of** International Webinar on Data Analysis and Statistics Day Celebrations on 8<sup>th</sup> July 2021
- **Programme coordinator of** Webinar on 'Effective Online Teaching in the Covid Era' in Collaboration with Department of Mathematics Calicut University on 15<sup>th</sup> July 2020
- Mentoring Committee Chairman, Member of Other committees.
- Anti-Ragging Committee Chairman
- **Programme coordinator of National Mathematics Day Celebrations** and Seminar on Mathematical Applications in Atmospheric Science on 3<sup>rd</sup> August 2018 Sponsored by Kerala

State Council for Science, Technology and Environment (KSCSTE), and Supported by Department of Science and Technology, Government of India.

### Personal Details

- Sex : Female
- Date of birth : 8-05-1971
- Nationality : Indian
- Father's name : Joseph Karukuttikkaran
- Mother's name : Elsy Joseph
- Marital status : Married

### Languages Known

- Malayalam, English, Hindi

## Participation In International and National Seminars/Conferences/Workshops

1. Participated and Presented the paper titled 'Change in Attitude of Secondary School Students In The Post Covid Pandemic ' presented in the national Seminar at Kannur University Teacher Education Centre, Mananthavady on 14<sup>th</sup> and 15<sup>th</sup> February 2024.
2. Participated and Presented a paper titled 'An Experimental Study to Improve Concentration Power of Secondary School Students In Post Covid Era ' presented in the national Seminar at Kannur University Teacher Education Centre, Mananthavady on 14<sup>th</sup> and 15<sup>th</sup> February 2024.
3. Participated and Presented a paper titled 'Mathematical Learning Habits of High School Students After Covid Pandemic Era ' presented in the national Seminar at Kannur University Teacher Education Centre, Mananthavady on 14<sup>th</sup> and 15<sup>th</sup> February 2024.
4. Participated and Presented a paper titled 'Transforming Pedagogy: A Comparative Analysis of Mathematics Teaching Methods in the Pre and Post Covid 19 Pandemic ' presented in the national Seminar at Kannur University Teacher Education Centre, Mananthavady on 14<sup>th</sup> and 15<sup>th</sup> February 2024.
5. Participated and Presented a paper titled 'Social Changes Among Secondary School Students After Covid-19 Pandemic ' presented in the national Seminar at Kannur University Teacher Education Centre, Mananthavady on 14<sup>th</sup> and 15<sup>th</sup> February 2024.
6. Participated and Presented a paper titled 'An action research on the change in medium of instruction as a barrier to Learn Mathematics' presented in the national Seminar at GBCTE at Thalassery on 4<sup>th</sup> and 5<sup>th</sup> December 2019.
7. Participated and Presented a paper titled 'An action research on the difficulty in doing basic mathematical operations of Secondary students in Kannur District' presented in the national Seminar at GBCTE at Thalassery on 4<sup>th</sup> and 5<sup>th</sup> December 2019.
8. Participated and Presented a paper titled 'Qualitative Research Paradigm and need and Importance of Qualitative Research in the Present Scenario' presented in the national Seminar at GBCTE at Thalassery on 4<sup>th</sup> and 5<sup>th</sup> December 2019.
9. Participated and presented The paper titled 'Technology and Modern mental health treatment ' in the UGC-National seminar on 13<sup>th</sup> and 14<sup>th</sup> December 2018 at GBCTE Thalassery
10. Participated and presented The paper titled 'Role of balanced diet and Neutritional Psychiatry for better mental health in the present scenario ' in the UGC-National seminar on 13<sup>th</sup> and 14<sup>th</sup> December 2018 at GBCTE Thalassery
11. Participated and presented The paper titled 'Promotion Of Sustainable Mental Health For Students Through Science ' in the National Conference on Science Education For Sustainability on 27<sup>th</sup> February 2018 at PKM College of Education, Madampam.
12. Participated and presented The paper titled 'Impact of Oral and Written Communication on Problem Solving Skills of Students in Kannur District' in the National Conference on Science Education For Sustainability on 27<sup>th</sup> February 2018 at PKM College of Education, Madampam.
13. Participated and presented The paper titled 'Effectiveness Of The Learning Aids In The Science And Mathematics Teaching Learning Process ' in the National Conference on Science Education For

Sustainability on 27<sup>th</sup> February 2018 at PKM College of Education, Madampam.

14. Participated and presented The paper titled 'Use Of Home Work Completion For The Sustainable Development Of Science & Mathematics' in the National Conference on Science Education For Sustainability on 27<sup>th</sup> February 2018 at PKM College of Education, Madampam.
15. **Participated** and presented a paper titled 'Constitutional provisions and role of education in attaining gender equality' Presented in the National Seminar on Human Rights And Gender Issue In Teacher Education on 5<sup>th</sup> and 6<sup>th</sup> March 2018 at School of Pedagogical Sciences, Kannur University.
16. **Participated and Presented** a paper titled 'Classroom Management of Students with Learning Difficulties in Mathematics with Special Emphasis to Dyscalculia' in the International Seminar on Edtl And Psychological Perspectives Of Learning Disorders on 17<sup>th</sup> and 18<sup>th</sup> November 2017 at Calicut University.
17. Participated and Presented a paper titled 'Importance of Language and Communication in mathematics Learning in Kerala' in the National Seminar on 'Language Learning' conducted by the Keyi College of Education Karimbam on 15<sup>th</sup> and 16<sup>th</sup> february 2016.
18. Participated and Presented a paper titled 'Relevance of Integral Education of Sri Aurobindo in the present Educational Scenario' in the National Seminar on 'Synthesis in our Tradition' conducted by the Keyi College of Education Karimbam on 16<sup>th</sup> and 17<sup>th</sup> December 2015.
19. Participated and Presented a paper titled 'Positive thinking for creativity and Mental health' in the National Seminar on 'Lifelong Physical and Mental Well-being" conducted by PKM college of education on 24<sup>th</sup> and 25<sup>th</sup> Februry 2015.
20. Participated Presented a paper titled '.Symptoms, identification and strategies to overcome mathematical Learning disability called Dyscalculia' in the National Seminar on 'Autism Spectrum disorders; Challenges and Perspectives' conducted by the GBCTE Thalassery on 30<sup>th</sup> and 31<sup>st</sup> January 2015.
21. Participated Presented a paper titled 'Socialization of secondary children through sports and exercises' in the National Seminar on 'Sports Culture and Society: Trends and Challenges' conducted by the GBCTE Thalassery on 17<sup>th</sup> and 18<sup>th</sup> December 2014.
22. Participated and Presented a paper titled 'Need for incorporating qualitative Research Paradigm in Social Sciences' in the National Seminar on 'Globalisation and teacher Education: Methodology and Strategies" conducted by the Kannur University School of Pedagogical Sciences on 1<sup>st</sup> and 4<sup>th</sup> September 2014.
23. Participated and Presented a paper in the National Seminar on 'Value-based Interventions in Teacher Education Institutions for Adolescent & Family Health' conducted by the Keyi College of Education Karimbam.
24. Participated in the National Seminar on 'Sciencing' conducted by the PKM College of Education Madampam.
25. Participated and Presented a Paper in the National Seminar on 'Innovations and Transformations in Teaching and Learning" conducted by the SUM College of Education Mamba Kannur.
26. Participated in the one week National Workshop on 'Infusion of ICT into Curriculum Transaction- Innovations and Transformations in Teaching and Learning' conducted by the GBCTE Thalassery.
27. Participated in the NPTEL awareness Workshop conducted by Vimal Jyothy Engineering College & Institute of Management research, Chembery.
28. Participated and Presented a Paper in the National Seminar on 'Multifurios Interventions for Revamping Teacher Education.' Conducted by the GBCTE Thalassery.

29. Participated and Presented a Paper in the International Conference on 'Socio-Economic and Political Crisis in the Great Lakes Region' conducted by the School of Psychology, Makerere University, Kampala, East Africa.
30. Participated in the National Seminar on 'E-content authoring in Language Teaching' conducted by the Keyi College of Education Karimbam.
31. Participated in the National Seminar on 'Higher Education in India Challenges and Prospects' conducted by the Kannur University.
32. Participated and Presented a Paper in the National Seminar on 'Learning, Innovation in Science Education' conducted by the PKM College of Education Madampam.
33. Participated and Presented a Group Discussion Paper in the Regional Workshop on 'Examination Reforms' conducted by the PKM College of Education Madampam.

### Research Papers And Articles Published

- Sholy,J.K.( 2022) The Effect of change in Mathematics Learning of Higher secondary students in Kannur district in Kerala. Published in the Journal 'Innovations and Researches in Education' by department of Education, Calicut University. pp.77-84 Vol-12(1) ISSN 2231- 4148
- Sholy,J.K.( 2020) The difficulties in doing division and other fundamental operations of secondary students in Kannur District. District published in the Journal 'Research and Pedagogical Interventions' published by Government Brennen College of Teacher Education Thalassery Pp. Vol-9(2) ISSN: 2277-3991
- Sholy,J.K.( 2020) The Communication and Problem solving skills of Secondary students in the Kannur District published in the Journal 'Research and Pedagogical Interventions' published by Government Brennen College of Teacher Education Thalassery .pp.50-55 Vol-9(1) ISSN: 2277-3991
- Sholy,J.K.( 2018) The difficulties in Mathematical Problem solving among Secondary Students in Kannur District in Kerala. Published in the Journal 'Educational Extracts' by St Thomas College of Teacher Education Pala. pp.36-45 Vol-6(2) ISSN 2320-7612
- Sholy,J.K.( 2018 ) 'Contribution and Strengthening of Women Entrepreneurs in the Modern India' Published in the Journal of Educational Research and Extension Pp; 49-60 Vol-55(2) April-June 2018
- Sholy,J.K.( 2018) 'Communication in Mathematics Learning and ways to develop it in the Classrooms' . □published by St Thomas College of Teacher Education Pala. pp.59-66 Vol-53(4) ISSN 2320-7612
- Sholy,J.K.( 2018) The paper titled 'Techno Pedagogical skills in the 21<sup>st</sup> Century ' presented in the UGC-National seminar on 27<sup>th</sup> and 28<sup>th</sup> September 2018 at St Thomas College of Education, Pala and published in the proceedings with ISBN 978-81-908006-9-3(pp: 433-438)
- Sholy,J.K.( 2018) 'Transformation of Pedagogical Skills through Technologies ' published in the proceedings with ISBN 978-81-908006-9-3 (pp: 696-702)
- Sholy,J.K.( 2017) 'Growth of Women Entrepreneurs and Challenges of Women Entrepreneurs in India' published in the International seminar proceedings with ISBN 978-93-5281-178-6 (pp:144-156)
- Sholy,J.K.( 2017) 'Effect of attitude variables on mathematical creativity of secondary students in Kerala'. Published in the Journal 'Educational Extracts' by St Thomas

College of Teacher Education Pala. pp.59-66. Vol 4(2) ISSN 2320-7612

- Sholy,J.K.( 2017) 'Assessment tools for Continuous and Comprehensive Evaluation in Mathematics' Published in the 'Educational Extracts' published by St Thomas College of Teacher Education Pala. pp. 54-62. Vol 4(1) ISSN 2320-7612
- Sholy,J.K.( 2017) 'Relevance of Integral Education of Sri- Aurobindo in the present Educational Scenario' Published in the 'Educational Extracts' published by St Thomas College of Teacher Education Pala. PP, 31-38. Vol 5(1) ISSN 2320-7612
- Sholy,J.K.( 2016) 'Effect of attitude variables on mathematical creativity of secondary students in Kerala' accepted for publication in the next issue in the 'Educational Extracts' published by St Thomas College of Teacher Education Pala. ISSN 2320-7612
- Sholy,J.K.( 2016) 'Assessment tools for Continuous and Comprehensive Evaluation in Mathematics' published in the 'Educational Extracts' published by St Thomas College of Teacher Education Pala. pp. 54-62. Vol 4(1) ISSN 2320-7612
- Sholy,J.K.( 2015) "Positive Thinking for Creativity and Mental Health" in the proceedings of UGC Sponsored National Seminar on Lifelong Physical and Mental Wellbeing: Role of Sports and Exercise, PKM College of Education, Madampam, Kannur ISBN 978-81-922109-5-7.
- Sholy,J.K.( 2015) 'A Critical Analysis on Mathematical Learning Disability Called Discalculia' published in the 'Educational Extracts' published by St Thomas College of Teacher Education Pala. ISSN 2320-7612.
- Sholy,J.K.( 2015) 'Quantitative and Qualitative Paradigms and their Importance in Research' published in the 'Educational Extracts' published by St Thomas College of Teacher Education Pala. ISSN 2320-7612.
- The research paper 'Four Rings Model for the Identification of Mathematically Gifted Students' accepted for publication in the 'Research and pedagogic Interventions' published by Govt Brennen College of Teacher Education Thalassery in the forthcoming Issue. ISSN 2277-3991.
- Sholy,J.K.( 2014) The research paper 'Acquisition of Values in Adolescent Learners through Problem Solving Approach to Mathematics' published in the Proceedings of the the National Seminar on 'Value-based Interventions in Teacher Education Institutions for Adolescent & Family Health' conducted by the Keyi College of Education Karimbam.
- Sholy,J.K.( 2012) The article 'Characteristics, Challenges and Identification of Mathematically Gifted Students' published in the Proceedings of the the National Seminar on 'Learning, Innovation in Science Education' conducted by the PKM College of Education Madampam.
- Sholy,J.K.( 2009) 'Some factors Discriminating Mathematically Gifted and Non-Gifted Students' published in the Journal of the Korea Society of mathematical Education series Research in Mathematics Education. Vol 12, No 4, 251-257
  
- Sholy,J.( 2008) 'Effect of some Environmental Factors on Mathematical Creativity of secondary students in Kerala' published in the Proceedings of the Discussion Group 9 of International Conference on Mathematics Education(ICME11), 308-313.
- Sholy,J.K.(2008) published in the Proceedings of the Discussion Group 6 of International Conference on Mathematics Education (ICME11).
- Sholy,J.K.( 2000) 'A study of interest in teaching of teacher trainees undergoing BEd course in Kannur University' published in the Journal Experiments in Education.

#### Permanent Address

- PATTAMPADY HOUSE, NEAR AUP SCHOOL, KOTOOR, 670631

## Declaration

I hereby declare that the particulars given above are true to the best of my knowledge and belief.

Dr.Sholy Joseph K