



### Dr. ANU M GEORGE

Govt. Guest Lecturer in Mathematics Education  
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### Career Objective

To become a 21st Century mathematics teacher educator and researcher, who empowers and inspires future generations of educators to become-proficient in mathematics, to lead and cultivate engaging, inclusive, equitable, and sustainable learning environments by ensuring access to high-quality education and life skills-oriented teaching approaches, that prepares them to thrive in a complex and ever-changing world.

**Area of Interest:** Mathematics Education, Pedagogy and Classroom Practices, Andragogy, Test construction and evaluation, Continuing Education, Distance Education, Adult Education, Research Statistics, Educational Research Methodology, Life skills Education, Inclusive Education, Mental health and wellbeing, Sustainable living, Applied cognitive psychology in Education.

### Educational Qualification

|                                     | Institution Attended                            | Board/ University                           | Year of Passing | Mark / Grade | % of Marks / Remarks  |
|-------------------------------------|-------------------------------------------------|---------------------------------------------|-----------------|--------------|-----------------------|
| <b>Tenth</b>                        | Jawahar Navodaya Vidyalaya, Kottayam            | Central Board of Secondary Education (CBSE) | 2003            | 319          | 63.8                  |
| <b>Plus Two</b>                     | ST. Mary's HSS, Kuravilangad, Kottayam          | Board of HSE, Kerala                        | 2005            | 436          | 72.67                 |
| <b>B. Sc. Mathematics</b>           | Kuriakose Elias College, Mannanam, Kerala       | Mahatma Gandhi University, Kottayam, Kerala | 2008            | 662          | 66.2                  |
| <b>B. Ed. Mathematics</b>           | St. Joseph's Training College, Mannanam, Kerala | Mahatma Gandhi University, Kottayam, Kerala | 2011            | 3.67         | 91.75                 |
| <b>M. Sc. Mathematics</b>           | Kuriakose Elias College, Mannanam, Kerala       | Mahatma Gandhi University, Kottayam, Kerala | 2014            | 1267         | 57.59                 |
| <b>M. Ed. Mathematics Education</b> | School of Pedagogical Sciences                  | Mahatma Gandhi University, Kottayam, Kerala | 2013            | 7.91         | 74.1                  |
| <b>M. Phil. Education</b>           | School of Pedagogical Sciences                  | Mahatma Gandhi University, Kottayam, Kerala | 2015            | 8.11         | 81.1 (First Position) |

|                                                                                                 |                                       |                                             |      |      |                                                              |
|-------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------|------|------|--------------------------------------------------------------|
| <b>Ph. D.<br/>Education</b>                                                                     | School of Pedagogical Sciences        | Mahatma Gandhi University, Kottayam, Kerala | 2024 | -    | Awarded                                                      |
| <b>PG Diploma<br/>Life Skills Education</b>                                                     | ESNCLSE, Central University of Kerala | Central University of Kerala                | 2022 | 8.88 | <b>First Position</b><br>& First class with Distinction<br>- |
| <b>UGC NET- JRF (Education), June 2015.</b>                                                     |                                       |                                             |      |      |                                                              |
| <b>UGC- NET (Education), December 2014.</b>                                                     |                                       |                                             |      |      |                                                              |
| <b>UGC – NET (Adult Education/ Continuing Education/ Andragogy/Non-Formal Education), 2022.</b> |                                       |                                             |      |      |                                                              |
| <b>UGC NET -Admission to Ph.D. Only (Population Studies) December, 2025.</b>                    |                                       |                                             |      |      |                                                              |
| <b>K-TET Category III, Dept. of General Education, Kerala</b>                                   |                                       |                                             |      |      |                                                              |

### *Certificates/ FDP*

| <b>Exam</b>                               | <b>Subject</b>                                                                         | <b>Institution Attended</b>                    | <b>Board/ Coordinator</b>                                | <b>Year of Passing</b> | <b>% of Marks/ Result</b> |
|-------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------|------------------------|---------------------------|
| <b>SWAYAM Certificate</b>                 | <i>ICT Skills in Education</i> (Four-credit course)                                    | University of Calicut, Kerala                  | CEC (Consortium for Educational Communication) New Delhi | 2021                   | 94                        |
| <b>SWAYAM Certificate</b>                 | <i>Instructional Design</i> , (Four credits course)                                    | Mahatma Gandhi University, Kerala              | CEC (Consortium for Educational Communication) New Delhi | 2021                   | 63                        |
| <b>SWAYAM-NPTEL-Certificate</b>           | <i>Introduction to Cognitive Psychology</i> (Three credit Course)                      | Indian Institute of Technology, IIT, Guwahati  | NPTEL                                                    | 2022                   | 87                        |
| <b>SWAYAM-NPTEL-Certificate</b>           | <i>Outcome Based Pedagogic Principles for Effective Teaching</i> , (One credit Course) | Indian Institute of Technology, IIT, Kharagpur | NPTEL                                                    | 2023                   | Completed                 |
| <b>SWAYAM NPTEL-Certificate &amp; FDP</b> | <i>Data Analytics with Python</i> (Three credit Course)<br>NPTEL25CS17S12499 00406.    | Indian Institute of Technology, IIT, Roorkee.  | NPTEL                                                    | 2025                   | 75                        |
| <b>SWAYAM-NPTEL Certificate &amp; FDP</b> | <i>Applied Positive Psychology</i> (Three credit Course)<br>NPTEL25HS145S361 200102.   | Indian Institute of Technology, IIT, Guwahati. | NPTEL                                                    | 2025                   | 83                        |

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|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------|------|-----------|
| SWAYAM                                                     | <i>Teaching &amp; Learning (TL) Practices for Python Programming</i> (Three credits Course)<br>KL11000076 | National Institute of Technical Teachers Training and Research, NITTTR, Chennai. | NITTTR                                                      | 2025 | 72        |
| SWAYAM                                                     | <i>Research Methodology in Education.</i> (Four credits Course)<br>KL11010041                             | University of Mumbai                                                             | CEC (Consortium for Educational Communication)<br>New Delhi | 2025 | 100       |
| SWAYAM                                                     | <i>Introduction to Distance and Digital Education</i> (Four credits Course)<br>KL11010041                 | Krishna Kanta Handiqui State Open University, Guwahati.                          | IGNOU                                                       | 2025 | 99        |
| <b>Certificate</b><br>(Value added course)                 | <i>Standardization of Research Tools</i> , 7 Days<br>Grade- A)                                            | School of Pedagogical Sciences, M G University                                   | Mahatma Gandhi University                                   | 2022 | A Grade   |
| <b>Certificate</b><br>(Value added course)                 | <i>Teaching and Research Aptitude</i>                                                                     | School of Pedagogical Sciences, M G University                                   | Mahatma Gandhi University                                   | 2022 | A+        |
| <b>Certificate</b><br>(Value added course)                 | <i>Vedic Mathematics</i> , Basic level course (32 contact hours)                                          | School of Pedagogical Sciences, M G University                                   | Mahatma Gandhi University                                   | 2022 | A         |
| <b>ICSSR sponsored Course</b>                              | Research Methodology                                                                                      | University of Mysore                                                             | ICSSR, New Delhi                                            | 2018 | Completed |
| <b>MOOC with four quadrants</b><br>(Online Short-Term FDP) | Digital Technologies For E-Learning                                                                       | Sree Narayana Mangalam College, Maliankara, Ernakulam                            | Kerala State Higher Education Council                       | 2021 | Certified |

### Research Publications

| Title with Page No.                                                                          | Journal/ Book chapters                                                                     | Peer Reviewed/ UGC Care List    | ISSN/ISBN | Coauthor         |
|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------|-----------|------------------|
| Influence of Working Memory on Mathematical Fluency of Primary School Students. (pp392-397). | <b>Journal</b><br><i>Shodhsamhita, (Journal of Fundamental &amp; Comparative research)</i> | UGC Care Listed & Peer Reviewed | 2277-7067 | Dr. Minikutty A. |

|                                                                                                                                            |                                                                                                |                                 |                   |                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------|-------------------|-------------------------------------------|
| Achievement in Mathematics and Mathematical Literacy: A study among Secondary School Students' (pp88-93).                                  | <b>Journal</b><br><i>Bharatiya Shiksha Shodh Patrika</i>                                       | UGC Care Listed & Peer Reviewed | 0970-7603         | Dr. Minikutty A.                          |
| Invisible Disabilities in relation to Coping and Self-management Skills: A Descriptive Study among Research Scholars of Kerala. (pp72-84). | <b>Journal</b><br><i>Perspectives in Social Work. XXXVIII (1),</i>                             | UGC Care Listed & Peer Reviewed | 0974-5114         | Dr. Najela K.P.& Dr. Mary Vineetha Thomas |
| Effect of a Mathematical Fluency Developing Package on Achievement in Mathematics of Primary School Students. (pp1-6)                      | <b>Journal</b><br><i>IPEM Journal for Innovations in Teacher Education</i>                     | Peer-reviewed & refereed        | 2581 - 5881       | Dr. Minikutty A.                          |
| Life Skills Mathematics Among Secondary School Students (pp31-38).                                                                         | <b>Journal</b><br><i>Carmel Graphics</i>                                                       | Peer-reviewed                   | 2320-7299         | Dr. Minikutty A.                          |
| Influence of Mathematical Fluency on Achievement in Mathematics of Secondary School Students                                               | <b>Journal</b><br><i>Carmel Graphics</i>                                                       | Peer-reviewed                   | 2320-7299         | Dr. Minikutty A.                          |
| Improving Mathematical Fluency: A Study Among Primary School Students (pp.119-128).                                                        | <b>Book Chapter</b><br><i>Research Trends in Undergraduate Courses. Sindhya V. (Eds.)</i>      | -                               | 978-93-5346-705-0 | Dr. Minikutty A.                          |
| Role of Student Police Cadet Project in Mitigating Campus Violence: Perception of Teachers                                                 | <b>Book Chapter</b><br><i>Campus Violence and Challenges in Education. Samuel, S. (Eds.)</i>   | -                               | 978-93-81658-19-2 | Dr. Minikutty A.                          |
| Mathematical Literacy: An Exploration Among Adolescents.                                                                                   | <b>Book Chapter</b><br><i>Youth @ 75, Way Forward: Role of Teachers. In Smitha, S. (Eds.).</i> | -                               | 978-93-80419-72-5 | Dr. Minikutty A.                          |

### Research Paper Presentations

- 'Improving Mathematical Fluency: A Study among Primary School Students' in the Two days State level seminar on New Perspectives in Research, organized by Department of Education, University of Kerala, on 17<sup>th</sup> and 18<sup>th</sup> November, 2017.
- 'Extent of Life Skills Mathematics among Secondary School Students: An Exploratory Study' in the National Seminar on Main Streaming Life Skills Education in Educational Institutions: Challenges and Prospects' organized by the Centre for Life Skills

Education, School of Education, Central University of Kerala on 19<sup>th</sup> and 20<sup>th</sup> December, 2017.

- ‘Role of Student Police Cadet Project in Mitigating Campus Violence: Perception of Teachers’ in the Eighth National Conference of Teacher Educators on Campus Violence and Challenges in Education at RPA College of Education in coordination with Kanyakumari Academy of Arts and Sciences on April, 2018.
- ‘Effect of A Mathematical Fluency Developing Package on Achievement in Mathematics of Primary School Students’ in One Day International E-Conference on “Innovative Trends in Teaching, Learning and Assessment” on 25<sup>th</sup> March, 2022 organized by IPEM Ghaziabad in collaboration with Global Educational Research Association.
- ‘Mathematical Literacy and Achievement in Mathematics Among Secondary School Students’ in the ICSSR Sponsored Two-Day National Seminar on 'Self-Reliant India through STEM Discipline @ Education 4.0: Issues and Challenges' organized by Department of Educational Studies, School of Education, Mahatma Gandhi Central University, Motihari, East Champaran, Bihar on 19-20 September, 2022.
- ‘Coping and Self-Management Skills among the Research Scholars in Kerala: Addressing the Invisible Disabilities’ in the International Conference on Life Skills Education (ICLSE 2022), on ‘Sustainable future in the post pandemic era: Life skills as strategic enablers’ Organized by Indian Association of Life Skills Education (IALSE) & Department of Political Science, Rajdhani College, University of Delhi in collaboration UNFPA & Sponsored by ICSSR from 4 to 6 November, 2022.
- Mathematical Literacy: An Exploration Among Adolescents’ in the ICSSR sponsored National Seminar on ‘Youth@75: Way Forward- Role of Teachers’ organized by School of Pedagogical Sciences, Mahatma Gandhi University, Kottayam on 1<sup>st</sup> and 2<sup>nd</sup> March, 2023.

### *Research Experience*

| Programme | Title/ Area of the research Work                                                                      | Institution/ Centre                                               | Year |
|-----------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|
| Ph. D     | Effect of A Mathematical Literacy Package on Certain Cognitive Variables of Secondary School Students | School of Pedagogical Sciences, Mahatma Gandhi University, Kerala | 2024 |
| M. Phil   | Developing Mathematical Fluency: A Study Among Primary School Students                                | School of Pedagogical Sciences, Mahatma Gandhi University, Kerala | 2015 |

|                                                                 |                                                                                                               |                                                                   |              |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------|
| M. Ed.                                                          | Role of Student Police Cadet Project in the Development of Children: Perception of Teachers and Parents       | School of Pedagogical Sciences, Mahatma Gandhi University, Kerala | 2013         |
| PGDLSE                                                          | Effect of a Self-Awareness-Based Intervention Programme on Self-Belief Among D.Ed. Special Education Students | ESNCLSE, Central University of Kerala, Kasaragod.                 | 2022         |
| Guided B. Ed. level projects as part of the MGU B.Ed. programme | Topics related to Pedagogy of Mathematics                                                                     | Mount Carmel College of Teacher Education for Women               | 2023 to 2026 |

### Teaching experience

| Teaching                                      | Institution                                                      | Period                         | No. of Months                 |
|-----------------------------------------------|------------------------------------------------------------------|--------------------------------|-------------------------------|
| Govt. Guest Lecturer in Mathematics Education | Mount Carmel College of Teacher Education for Women, Kottayam    | 30/01/2023 to 31/03/2023       | Two months                    |
| Govt. Guest Lecturer in Mathematics Education | Mount Carmel College of Teacher Education for Women, Kottayam    | 01/06/2023 to 31/03/2024       | 10 Months (One Academic Year) |
| Govt. Guest Lecturer in Mathematics Education | Mount Carmel College of Teacher Education for Women, Kottayam    | 01/06/2024 to 31/03/2025       | 10 Months (One Academic Year) |
| Govt. Guest Lecturer in Mathematics Education | Mount Carmel College of Teacher Education for Women, Kottayam    | 02/06/2025 to 31/03/2026       | 10 Months (One Academic Year) |
| HST Mathematics                               | Govt. Boys High School, Ettumanoor, Kottayam                     | 03/12/2013 to 11/02/2014       | 2 months                      |
| HST Mathematics                               | Govt. Model Higher Secondary School, Kottayam                    | 03/06/2015 to 07/08/2015       | 2 Months                      |
| HSST (Sr) Mathematics                         | Govt. HSS, Ettumanoor Kottayam                                   | November 2015 to February 2016 | 4 months                      |
| HST Mathematics                               | Govt. Vocational and Higher Secondary School Kumarakom, Kottayam | 09/06/2016 to 28/02/2017       | 9 Months (One Academic Year)  |

### Other Experiences

- Served as a teaching assistant for SWAYAM MOOC titled *ICT Skills in Education* during January- June 2022 session. [https://onlinecourses.swayam2.ac.in/cec20\\_ed09/preview](https://onlinecourses.swayam2.ac.in/cec20_ed09/preview)

- Served as a Resource Person for the one-day session ‘Data analysis using Jamovi-Hands on Training’ on 14/11/2024 as part of the One Week workshop on Research Methodology held at School of Pedagogical Sciences, Mahatma Gandhi University, Kottayam, Kerala.

### *Other Achievements*

- Best research paper and paper presenter award in the eighth National Conference of Teacher Educators organized by RPSA college and KAAS.
- Passed the NCC ‘C’ certificate examination with ‘A’ grade
- Chief Minister’s Scholarship for the Best NCC Cadet.
- Participated in RD Marching Contingent, 2007 at New Delhi.
- Participated in the XXII Kerala State Sub Junior Handball Championship.

### *Technical Skills*

- Quantitative analysis using IBM SPSS, jamovi, JASP, MS Excel
- Learning Management Systems

### *Languages Known*

- READ- Malayalam, English, Hindi
- WRITE- Malayalam, English, Hindi
- SPEAK- Malayalam, English, Hindi

### **Personal Information**

|                                      |                                                                                                                                                                                                   |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Age and date of birth                | : 38 years, 06/12/1987                                                                                                                                                                            |
| Gender                               | : Female                                                                                                                                                                                          |
| Permanent Address (in block letters) | : Mangattukunnel (H)<br>Kurumulloor P.O.,<br>Kottayam, 686632                                                                                                                                     |
| Date of Joining                      | : 01/06/2026                                                                                                                                                                                      |
| Blood Group                          | : O <sup>+</sup>                                                                                                                                                                                  |
| Mobile No.                           | : 9961640660                                                                                                                                                                                      |
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### **Declaration**

I hereby declare that the information and facts stated above are true and correct to the best of my knowledge.

Kottayam  
01/06/2026

Dr. Anu M George

