



Dr. J. Lidson Raj
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A seasoned educator and academic leader with over three decades of excellence in teacher education and mathematics pedagogy.

ABOUT THE PRINCIPAL

Dr. J. Lidson Raj is a distinguished academician and visionary educator with over 35 years of dedicated service in the field of education. Currently serves as the Principal of St. Jacob's Training College, Menamkulam, bringing with him a wealth of experience in teacher education, mathematics pedagogy, and academic leadership.

Dr.J.Lidson Raj holds a Ph.D. in Education from the University of Kerala, with his doctoral research focusing on *spatial ability and perceptual speed as predictors of mathematics achievement at the secondary school level*. His strong academic foundation includes **M.Sc. (Mathematics), M.Ed., M.Phil., and NET**.

PROFESSIONAL EXPERIENCE

Dr. J. Lidson Raj has an extensive and distinguished career spanning over **35 years in the field of education**, with rich experience across school education, teacher education, higher education, and curriculum development. He began his career as a **Lecturer in Mathematics at the Teacher Education Centre, University of Kerala (1990–1991)**, contributing to the preparation of future educators with a strong foundation in mathematical pedagogy.

He then served as a **Post Graduate Teacher (Mathematics) at Jawahar Navodaya Vidyalaya (1991–1993)**, where he was actively involved in teaching higher secondary

students and fostering analytical and problem-solving skills. Subsequently, he worked as a **High School Assistant (Mathematics) under the Department of General Education (1993–1998)**, gaining valuable classroom experience and strengthening his expertise in school-level mathematics instruction.

From 1998 to 2004, he served as a **Lecturer at District Institute of Education and Training (DIET)**, where he played a key role in teacher training, curriculum transaction, and educational planning at the district level.

He then joined the **Collegiate Education Department** as an **Assistant Professor (2004–2017)** and later as an **Associate Professor (2017–2020)** at Colleges of Teacher Education. During this period, he was deeply engaged in **teacher education, research supervision, curriculum development, and academic administration**, significantly contributing to the quality enhancement of teacher education programmes.

He further served as a **Professor at CSI College of Education (2020–2023)**, where he continued his academic and research contributions, mentoring student-teachers and guiding institutional development.

In addition, he worked on **deputation as Research Officer (Mathematics) at State Council of Educational Research and Training Kerala (2009–2013)**. In this capacity, he was actively involved in **curriculum design, textbook development, teacher handbooks, and state-level academic initiatives**, contributing significantly to educational reforms in Kerala.

POSITIONS HELD

A respected figure in the academic community, Dr. J. Lidson Raj has been actively involved in various statutory and academic bodies such as the **Academic Council, Faculty of Education, and Boards of Studies of the University of Kerala**. He has chaired multiple examination boards including **M.Ed., B.Ed., SSLC, and KTET (Mathematics)**, and has research guideship under Kannur University and IGNOU.

His contributions to education extend to authorship and editorial work. He is a **co-author of numerous Mathematics textbooks and teachers' handbooks (Classes 1–10)** published by the Government of Kerala, and has published research articles in reputed peer-reviewed journals. He has also served as **Chief Editor, Associate Editor, and Editor** of various academic journals.

INNOVATIVE PRACTICES

One of his landmark initiatives is the development of **NuMATS (Nurturing Mathematical Talents in Schools)**, a pioneering programme under SCERT Kerala aimed at fostering mathematical excellence among school students across the state. With a deep commitment to quality education, innovation, and academic excellence, Dr. J. Lidson Raj continues to inspire future educators and contribute meaningfully to the advancement of teacher education.

Details of academic qualifications, experiences, positions held etc are attached.

EDUCATIONAL QUALIFICATIONS

Course	Year	University	Class / Grade
M.Sc. (Mathematics)	1986	University of Kerala	First Class
M.Ed.	1989	University of Kerala	First Class
M. Phil. (Education)	1998	University of Kerala	A Grade
NET	1997	UGC	
Ph. D (Education)	2010	University of Kerala	Topic: <i>Spatial Ability and Perceptual Speed as Predictors of Mathematics Achievement at Secondary School Level</i>

WORK EXPERIENCE

Institution	Designation	Period	Total
St. Jacob's Training College, Menamkulam	Principal	02.05.2024 to till date	2 years
Teacher Education Centre (University of Kerala)	Lecturer (Mathematics)	10.10.1990 to 22.08.1991	1 Year
College of Teacher Education (Collegiate Education Department)	Assistant Professor	13.12.2004 to 12.12.2017	13 years
College of Teacher Education (Collegiate Education Department)	Associate Professor	13.12.2017 to 31.05.2020	2.5 years
CSI College of Education, Parassala	Professor	18.11.2020 to 30.03.2023	2.5 years
BNV College of Teacher Education, Thiruvallam	Assistant Professor	5.8.23 to 30.4.24	1 year
DIET	Lecturer	21.03.1998 to 12.12.2004	6.5 Years
Jawahar Navodaya Vidyalaya (Govt. of India)	PGT (Mathematics)	30.09.1991 to 14.11.1993	2 Years
Dept. of General Education	HSA (Mathematics)	15.11.1993 to 20.03.1998	4.5 Years
Total			35 years
SCERT, Kerala (On Deputation)	Research officer (Mathematics)	03.01.2009 to 31.12.2013	

POSITIONS HELD:

1. Member of the Academic council, University of Kerala
2. Member of the Faculty of Education, University of Kerala
3. Member of the Board of Studies (UG) of Education of Kerala University
4. Member of the Board of Studies (PG) of Education of Kerala University
5. Worked as a member of the visiting team of NCTE
6. Research Guide of Kannur University and IGNOU
7. Worked as the Chairman of the B.Ed. Practical Examination Board under Calicut University and Kerala University
8. Worked as the Chairman of the M.Ed. Examination of the Kerala University.
9. Worked as the Academic Coordinator of the Textbooks and Teacher's Handbooks in Mathematics for classes 1 to 10 for Government of Kerala.
10. Worked as the Academic Coordinator of the Equivalency Textbooks and Teacher's Handbooks in Mathematics for classes 4, 7 and 10 for KSLMA.
11. Worked as the Chairman of the SSLC Examination board in Mathematics.
12. Worked as the Chairman of the TTC/D.Ed./D.El.Ed. Examination Boards
13. Worked as the Chairman of the Kerala Teachers Eligibility Test (K TET) in Mathematics
14. Worked as Resource Person for various national and international seminars and workshops.

PUBLICATIONS:

Sl. No.	Name of the Journal	Month and volume	Title of the article
1	Research and Pedagogic Interventions ISSN 2277-3991 (Peer Reviewed)	January 2014 volume 3 Issue 1	Spatial Ability and Mathematics Achievement of secondary school students of Kerala with special reference to Gender and Type of School
2	Journal of United Progressive Initiatives in Teacher Education Research (JUPITER) ISSN 2321-0575 (International Peer Reviewed)	January 2014 volume 2 Issue 1	Gender Difference in Spatial and Musical Intelligence of Mathematically Talented Students
3	GCTE Journal of Research and Extension in Education ISSN 0975-5144 (Peer Reviewed)	July 2015 volume 10 Issue 2	Instructional Strategies for Learning Mathematics: An Overview

JOURNALS IN WHICH MEMBER OF THE EDITORIAL BOARD

Sl. No.	Name of the Journal	Publisher	Status
1	GCTE Research Abstracts Volume 6, 2015-17	Government College of Teacher Education	Chief Editor
2	GCTE Research Abstracts Volume 7, 2018	Government College of Teacher Education	Chief Editor
3	GCTE Journal of Research and Extension in Education ISSN 0975-5144 (Peer Reviewed)	Government College of Teacher Education	Associate Editor
4	Research and Pedagogic Interventions ISSN 2277- 3991 (Peer Reviewed)	Government Brennen College of Teacher Education, Thalassery	Associate Editor
5	Journal of United Progressive Initiatives in Teacher Education Research (JUPITER) ISSN 2321-0575 (International Peer Reviewed)	CSI College of Education, Parassala	Editor

BOOKS

Sl. No.	Name of the Book	Publisher	Author/Co-author
1	Education in the Digital Era: Channels for Confrontations	Archers & Elevators Publishing House ISBN: 978-93-85640-03-2	Co-author
2	Ganitham (Mathematics Textbook for class 10)	Department of Education, Government of Kerala	Co-author
3	Mathematics (Mathematics Textbook for class 10)	Department of Education, Government of Kerala	Co-author
4	Ganitham (Mathematics Textbook for class 9)	Department of Education, Government of Kerala	Co-author
5	Mathematics (Mathematics Textbook for class 9)	Department of Education, Government of Kerala	Co-author
6	Ganitham (Mathematics Textbook for class 8)	Department of Education, Government of Kerala	Co-author
7	Mathematics (Mathematics Textbook for class 8)	Department of Education, Government of Kerala	Co-author
8	Mathematics (Mathematics Textbook for class 6)	Department of Education, Government of Kerala	Co-author
9	Ganitham (Mathematics Textbook for class 5)	Department of Education, Government of Kerala	Co-author
10	Ganitham (Mathematics Textbook for class 3)	Department of Education, Government of Kerala	Co-author
11	Ganitham (Mathematics Textbook for class 1)	Department of Education, Government of Kerala	Co-author
12	Mathematics (Mathematics Textbook for class 1)	Department of Education, Government of Kerala	Co-author
13	Ganitham Adyapaka Sahayi (Mathematics Teachers' Handbook) for class 10	Department of Education, Government of Kerala	Co-author
14	Ganitham Adyapaka Sahayi (Mathematics Teachers' Handbook)	Department of Education, Government of Kerala	Co-author

	for class 9		
15	Ganitham Adyapaka Sahayi (Mathematics Teachers' Handbook) for class 8 (Malayalam)	Department of Education, Government of Kerala	Co-author
16	Mathematics Teachers' Handbook for class 8 (English)	Department of Education, Government of Kerala	Co-author
17	Ganitham Adyapaka Sahayi (Mathematics Teachers' Handbook) for class 6 (Malayalam)	Department of Education, Government of Kerala	Co-author
18	Mathematics Teachers' Handbook for class 6 (English)	Department of Education, Government of Kerala	Co-author
19	Mathematics-Source book on Evaluation- Secondary level	Department of Education, Government of Kerala	Co-author
20	Mathematics-Source book on Evaluation- Primary level	Department of Education, Government of Kerala	Co-author
21	School Ganitha lab (School Mathlab Guidelines)	Department of Education, Government of Kerala	Co-author
22	Mathematics Textbook for Equivalency - class 10	Department of Education, Government of Kerala	Co-author
23	Mathematics-Teachers Handbook for Equivalency classes 10	Department of Education, Government of Kerala	Co-author
24	Mathematics-Teachers Handbook for Equivalency - class 7	Department of Education, Government of Kerala	Co-author

Seminars / Workshops Organised

Name of the Programme	Venue of the programme	Date and Duration	Funding Agency	Position
National workshop on Research Methodology and Statistics	Govt. College of Teacher Education, Thiruvananthapuram	5 days 08.01.2018-12.01.2018	Directorate of Collegiate Education	Co-ordinator
Workshop on Cybergogy for Engaged Learning	Govt. College of Teacher Education, Thiruvananthapuram	3 days 15.11.2018-17.11.2018	Directorate of Collegiate Education	Co-ordinator
Orientation Programme on SPSS and R software	Govt. College of Teacher Education, Thiruvananthapuram	3 days 21.02.2019-23.02.2019	Directorate of Collegiate Education	Co-ordinator
National Workshop on Strategies for Promoting talents in Mathematics	RTTC, Kaimanam, Thiruvananthapuram	3 days 01.03.2012-03.03.2012	SCERT Kerala	Co-ordinator
Workshop on Aggrandisement of Undergraduate and Post Graduate Curriculum in Teacher Education	Govt. College of Teacher Education, Thiruvananthapuram	2 days 10.02.2016-11.02.2016	Directorate of Collegiate Education	Member of Organising Committee
Workshops and Training programme for Teachers	SCERT Kerala	During 1998-2004 and 2009-2013	General Education Department, Government of Kerala	Co-ordinator

SEMINARS / WORKSHOPS ATTENDED AS RESOURCE PERSON

Sl. No.	Name of the workshop	Organiser	Type
1	International Seminar on EDUCATION AT CROSSROADS: TILTING SOCIAL EQUATIONS.	Council for Teacher Education Kerala State & St. Thomas Training college, Thiruvananthapuram	International
2	International Conference on STANDARDS AND BENCHMARKS FOR EXCELLENCE IN LEARNING, TEACHING AND RESEARCH	AIAER, Dept. of Education, University of Kerala, and Govt. College of Teacher Education, Thiruvananthapuram	International
3	UGC Sponsored three day international conference and media conclave on EMERGING KNOWLEDGE SOCIETY- CURRICULAR AND TECHNOLOGICAL INNOVATIONS AND PRACTICES	IITM-K, Centre of Education Technology, University of Kerala, AIRIO, and Mar Theophilus Training College, Thiruvananthapuram	International
4	International Seminar on EDUCATION AS A SUSTAINABLE DEVELOPMENT GOAL	AIRIO, CTE, Kerala, Commonwealth Council for Education, CCEAM-INDIA and Mar Baselios College of Education, Wayanadu	International
5	National Workshop on RESEARCH METHODOLOGY AND STATISTICS	Govt. College of Teacher Education, Thiruvananthapuram (Directorate of Collegiate Education, Govt. of Kerala)	National
6	National Seminar on TECHNO-PEDAGOGY AND KNOWLEDGE MANAGEMENT: THE TRANSITIONAL GATEWAY OF DIGITAL INSTUCTIONAL SPACE	Govt. College of Teacher Education, Thiruvananthapuram (UGC Sponsored)	National
7	National Seminar on GENDER EQUALITY AND SOCIAL INCLUSION IN	Govt. Brennen College of Teacher Education, Thalassery. (Directorate of	National

	CONTEMPORARY INDIA: ISSUES AND CHALLENGES	Collegiate Education, Govt. of Kerala)	
8	National seminar on INFUSING QUALITY IN TEACHER EDUCATION: ISSUES AND PERSPECTIVES IN PURVIEW OF NEW PSYCHOLOGICAL PARADIGMS	Govt. Brennen College of Teacher Education, Thalassery. (UGC Sponsored)	National
9	Workshop on CYBERGOGY FOR ENGAGED LEARNING	Govt. College of Teacher Education, Thiruvananthapuram (Directorate of Collegiate Education, Govt. of Kerala)	State
10	Two day state level workshop on MATERIALISING SOCIAL COMNSTRUCTIVISM AND CRITICAL PEDAGOGY IN THE CLASSROOM	NSS Training College, Changanassery	State
11	One day orientation programme on CRITICAL PEDAGOGY AND ISSUE BASED CURICULLUM	Council for Teacher Education, Kerala State	State

SEMINARS / WORKSHOPS WHERE PAPER PRESENTED

Sl.No	Name of the workshop	Organiser	Type
1	National Initiative on Mathematics Education – 2011 Southern Regional Conference	Indian National Science Academy, National Board for Higher Mathematics and Association of Mathematics Teachers of India	National
2	Seminar on ISSUE BASED APPROACH IN THE CONSTRUCTIVIST PARADIGM	Council for Teacher Education	Regional
3	National Seminar on HUMAN RIGHTS FOR SUSTAINABLE FUTURE	Institute of Parliamentary Affairs, Govt. Of Kerala and Govt. Brennen College of Teacher Education, Thalassery	National
4	National Seminar on GENDER EQUALITY AND SOCIAL INCLUSION IN CONTEMPORARY INDIA: ISSUES AND CHALLENGES	Govt. Brennen College of Teacher Education, Thalassery. (Directorate of Collegiate Education, Govt. of Kerala	National (Joint)

ORIENTATION / REFRESHER COURSES ATTENDED

Sl. No.	Name of the Programme	Agency	Faculty	Duration
1	Orientation Programme	UGC Academic Staff College, University of Kerala	IT Oriented	28 days (27.12.2005-23.01.2006)
2	Refresher Course	UGC Academic Staff College, University of Kerala	Education	21 days (03.12.2007-24.12.2007)
3	Refresher Course	UGC Academic Staff College, University of Kerala	Education	21 days (03.02.2015-23.02.2015)
4	Short Term Course	UGC Academic Staff College, Kannur University	Research Methodology	5 days (06.01.2014-10.01.2014)
5	Short Term Course	Directorate of Collegiate Education	Training for Empowering Senior Teachers (TEST)	5 days (23.03.2015-27.03.2015)
6	Short Term Course	Mahatma Gandhi National Council of Rural Education & Department of Education, University of Kerala	Nai Talim, Experiential Learning and work Education in School and Teacher Education Curriculum	7 days (14.12.2018-20.12.2018)
7	Short Term Course	IASE, Thrissur (Department of Collegiate Education sponsored)	Enhancement of ICT skills for quality teacher education	6 days (12.01.2015-17.01.2015)
8	Short Term Course	Govt. College of Teacher Education, Thiruvananthapuram (Department of Collegiate Education sponsored)	Development and publishing Multimedia Content	6 days (25.02.2016-02.03.2016)