



**Dr. A. PIO ALBINA**  
**Assistant Professor in Mathematics**

## Contact

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## Academic Qualifications

Degree	Institution	Year	Branch	Class
Ph.D.	Bharathidasan University	2017	Education	Awarded
M.A.	Alagappa University	2021	ChildCare & Education	I
Two Credit Course	MOOC course offered by Avinashilingam Institute for Home Science and Higher Education on SWAYAM platform	2018	Neuro-Developmental Disabilities	Passed
M.Sc.	Manonmaniam Sundaranar University,	2015	Psychology	I

	Tirunelveli			
M.Phil.	Gandhigram Rural University, Gandhigram	2012	Mathematics	I
M.Phil.	St. Ignatius' College of Education, Palayamkottai	2011	Education	I
NET	University Grants Commission	2009	Education	NA
M.Ed	St. Ignatius' College of Education, Palayamkottai	2008	Education	I
M.Sc	St. Xavier's College, Palayamkottai	2007	Mathematics	I
B.Ed	St. Ignatius' College of Education, Palayamkottai	2005	Education	I
B.Sc	Sarah Tucker College, Palayamkottai	2004	Mathematics	I

### Teaching Experience: 15 Years

Position	Institution	Duration
Assistant Professor in Mathematics	Alagappa University College of Education	2012 to Till Date
Assistant Professor in Mathematics	SCAD College of Education	2011-2012
Assistant Professor in Mathematics	St. Ignatius' College of Education	2009–2011

### PDF/Visiting Professor: Abroad

Position	Institution	Duration
Visiting Scholar	School of Education, University of Delaware, USA	August 2023 to February 2024

Visiting Professor	Lincoln University, Malaysia	October 2021 to October 2023
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### Research Experience: 14 Years

Position	Institution/University	Duration
Assistant Professor	Alagappa University College of Education	2012 to Till Date
Assistant Professor	St. Ignatius' College of Education	2009–2011

### Areas of Research

- Mathematics Education
- Educational Technology
- Cognitive Psychology
- Teacher Education

### Research Supervision/Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	1	4
Project	PG	5	1

### Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/Monographs/Manuals
20	24	20	24	18

h-index (Google Scholar) : 3  
 Total Citations : 26

## Publications

Thesis Evaluated : 1  
 Viva voce Examiner : 1

## Funded Research Projects

### Completed Projects:

S.No	Agency	Period		Project Title	Budget (Rs.In lakhs)
		From	To		
1	Alagappa University Theme Based Project (TBRP) funded under RUSA Scheme PI-4	Sep 2018 to	Sep 2020	Effectiveness of cognitive metacognitive and neuro cognitive intervention strategies in enhancing teaching competency Among prospective teachers	27.5
2	AURF	12 months	2018-2019	Comparative Analysis on Educational System in India and Finland	0.25
3	AURF (Inter-departmental)	24months	2017-2018	Effect of yogic practice on selected physical, physiological, and Psychological variables among school students	3.00
4	ICSSR	18months	2013-2014	Occupational Stress and Job Satisfaction among Teaching Fraternity of SC/ST at Higher Education Level inTamilNadu	8.00
5	SSA	12months	2012	Impact of CAL Programmes in Primary and Upper Primary Schools of selected Districts of Tamil Nadu (Tirunelveli, Thoothukudi & Cuddalore)	2,00

## Events organized in leading roles

Number of Seminars/Conferences/Workshops/Events organized:

<b>Position</b>	<b>Programme</b>	<b>Duration</b>	<b>Institution</b>
Organizing Secretary	Mathematics Club activities	2012–tilldate	AUCE
Organizing Secretary	National Webinar ‘Technology Adaption in mathematics’ Classroom :A Welcome Change	8 <sup>th</sup> July, 2020	AUCE
Organizing Secretary	National Webinar ‘Teacher and Metacognition’	5 <sup>th</sup> June, 2020	AUCE
Organizing Secretary	Extension Programme on ‘Making Math Fun’	28 <sup>th</sup> march 2017	PUMS School, Mithirangudi
Organizing Secretary	International Workshop on ‘E-content Development’	6 <sup>th</sup> and 7 <sup>th</sup> January, 2017	AUCE
Organizing Secretary	Guest Lecture on ‘Statistical Applications in Research’	31 <sup>st</sup> March, 2016	AUCE
Organizing Secretary	Guest Lecture on ‘Education in Sri Lanka’	27 <sup>th</sup> July, 2016	AUCE
Organizing Secretary	One-day Workshop on ‘Application of SPSS in Educational Research’	13 <sup>th</sup> April, 2016	AUCE

## Events Participated

- Number of Conferences:30
- Seminars:30
- Workshops:29

## Overseas Exposure/Visits

- **Finland**–Attended a ‘Training Programme for International Educators’ in Finland (5days)
- **Sweden**–Visited educational institutions-Global College, Stockholm & STAD–City Development Project in Sweden (2days).
- **Estonia**-Visited educational institutions (1day)
- **Singapore** – Presented a research paper entitled ‘*Assessment of Awareness on Dyscalculia among Primary School Teachers*’ in an International Conference on “Research in Teaching, Education & Learning” in NUSS, Singapore on 14<sup>th</sup> & 15<sup>th</sup> November, 2018
- **Malaysia** – Invited as a Visiting Faculty by Lincoln University (5 days) - Delivered Expert Lectures to Master of Education students in Lincoln University, Malaysia on 19<sup>th</sup> to 23<sup>rd</sup> November, 2018.
  - Handled a module - MEDU 1223- Researching Educational Leadership and Management for International students of Master of Education in Lincoln University, Malaysia (On-line mode) (26-03-2022 & 27-03-2022, 02-04-2022 & 03-04-2022, 09-04-2022 & 10-04- 2022, 16-04-2022&17-04-2022–Timing:8.30a.m to12.00p.m and1.00p.m to3.30p.m)
  - Handled a module - MEDU 1333-Educational Measurement and Evaluation for International students of Master of Education in Lincoln University, Malaysia (On-line mode) (03-08-2022,08-08-2022, 10-08-2022, 15-08-2022, 17-08-2022, 22-08-2022, 24-08-2022, 29 08-2022 –Timing:6.30p.m to8.30p.m)
- **Philadelphia, USA** - Presented a research paper entitled ‘*Pre-service Teachers’ Teaching Practice with and without Ethnographic Lens – A Comparative Study*’ in an International Conference on Psychology, Language and Teaching (ICPLT) in Philadelphia, USA on 28<sup>th</sup> - 29<sup>th</sup> May,2019
- **University of Delaware, USA** – as a visiting scholar for seven months from 1<sup>st</sup> august 2023to28<sup>th</sup> February2024<https://www.cehd.udel.edu/faculty-bio/pio-albina-albert-patel/>

## Membership

### Professional Bodies

1. Life Member: All India Association for Educational Research
2. Life Member: Council for Teacher Education
3. Life Member: DK International Research Foundation
4. Life Member: The Association of Mathematics Teachers in India

### Advisory Board

Year/Period	Name of the BoS/Administrative Committee/ Academic Committee	Role
2022	College of Education BoS of B.Ed.Curriculum	Member
2019	College of Education BoS of B.Ed.Curriculum	Member
Since 2016	Departmental Research advisory Committee	Member

## Ph.D. Thesis Guided

1. No. of Ph.D. Thesis evaluated : 1
2. No. of Ph.D. Public Viva Voce Examination : 1  
conducted

S.No	Name of the Scholar	Title of the thesis	Year of Completion
1	Adaikala Jeya. A	A study of Dyscalculic primary school students in Sivagangai district and development of Neurocognitive strategies to improve their Mathematical abilities	July 2022

## Selected Publications

S.No	Authors/Titleofthepaper/Journal	Impact Factor
1	Joshpine T, <b>Pio Albina A</b> ,(2023). Influence of metacognitive awareness on Technological Pedagogical and Content Knowledge (TPACK) among pre service teachers”,Education and InformationTechnologies, April, 2023,DOI:10.1007/s10639-023-11764-y( <b>SCOPUSQ1Journal</b> )	5.5
2	David,S. A., Motala,S., Lawrence A S, A., & Albina A,P. (2022).Exploring student’s experiences on epistemic access for effective teaching and learning in higher education. International Journal of Instruction, 16(1), 151-172. <a href="https://doi.org/10.29333/iji.2023.1619a">https://doi.org/10.29333/iji.2023.1619a</a> ( <b>SCOPUS Q1Journal</b> )	1.74
3	AdaikalaJeya.A, <b>Pio Albina.A</b> , (2022), “Enhancement of Mathematical Abilities of Dyscalculic Primary School Students through Neurocognitive Strategies”,NeuroQuantology.July 2022, Volume 20, Issue 8,Page 248-259.DOI:10.14704/nq.2022.20.8. NQ44026 ( <b>SCOPUSQ3 Journal</b> )	0.453
4	AdaikalaJeya.A., <b>Pio Albina.A</b> ,(2021),“Development and Standardization of Dyscalculia Screening Tool (DST)”,Elementary Education Online,Vol.20,Issue.5,pp.1982–1992,ISSN:1305-3515 (SCOPUS indexed)	0.48
5	Roashni.N., <b>Pio Albina. A</b> , (2021), “A Correlational Study on Learning Style and Academic Achievement of Generation Z Learners” Elementary Education Online,Vol.20, Issue.1,pp.2992–2998, ISSN:1305-3515 (SCOPUS indexed)	0.48
6	Pio Albina. A, (2020), “Comparative Analysis on Educational System in India and Finland” Sambodhi, Vol. 43, Issue.3(IV), pp.144 – 151, ISSN:2249-6661(UGCCare listed journal)	-
7	AdaikalaJeya.A., <b>PioAlbina.A</b> ,(2020),“A Study on Mathematical Abilities of Primary School Students in Sivagangai Educational District”International Journal of Control and Automation Vol.13, No.4, (2020), pp.181–191,ISSN:2005-4297 Retrieved from <a href="http://sersc.org/journals/index.php/IJCA/article/view/16063">http://sersc.org/journals/index.php/IJCA/article/view/16063</a>	3.2

## Resource persons in various capacities

NationalConferences	:	8
InternationalConferences	:	16
InvitedLectures	:	32