

CURRICULUM – VITAE

Dr. A. Pio Albina, Ph.D.,

E-mail: pioalbinaa@alagappauniversity.ac.in

pio@udel.edu

Formal Education

S. No	Name of the Institution	Degree	Subject	Year of Completion	Class
1	St. Ignatius' Convent Higher Secondary School	S.S.L.C	-	1999	First class
2	St. Ignatius' Convent Higher Secondary School	H.S.C	Mathematics	2001	First class
3	Sarah Tucker College, Palayamkottai.	B.Sc	Mathematics	2004	First class
4	St. Ignatius' College of Education, Palayamkottai	B.Ed	Mathematics	2005	First class
5	St. Xavier's College, Palayamkottai.	M.Sc	Mathematics	2007	First class
6	St. Ignatius' College of Education, Palayamkottai.	M.Ed	Education	2008	First class
7	University Grants Commission	NET(National Eligibility Test for Lectureship)	Education	2009	NA
8	St. Ignatius' College of Education, Palayamkottai.	M.Phil.	Education	2011	First class
9	Gandhigram Rural University, Gandhigram	M.Phil.	Mathematics	2012	First class
10	Bharathidasan University	Ph.D.	Education	2016	First class
11	Manonmaniam Sundaranar University	M.Sc	Psychology	2017	First class
12	Alagappa University	M.A.	Child Care & Education	2018	First class
13	MOOC course offered by Avinashilingam Institute for Home Science and Higher Education on SWAYAM platform	Two credit course	Neuro-Developmental Disabilities	2019	First class

Teaching Experience: 14 Years and 1 month

1. **Assistant Professor in Mathematics**, St. Ignatius' College of Education, 2009 to 2011.
2. **Assistant Professor in Mathematics**, SCAD College of Education, 2011 - 2012.
3. **Assistant Professor in Mathematics**, Alagappa University College of Education, from 28-5-2012 to till date.

Title of Thesis/Dissertation		Name of the University / Year of Award
Ph.D. (Education)	Effectiveness of E-content in Teaching of Mathematics Education among B.Ed. Student-teacher	Bharathidasan University / 2017
M.Phil. (Education)	Metacognition, Learning Styles and Academic	Tamilnadu Teachers Education

	Achievement of High School Students in Ramanathapuram District	University / 2011
M.Phil. (Mathematics)	A Study on Packing Numbers and Vertex Covers of Graphs	Gandhigram Rural Institute / 2013

Areas of Research

Mathematics Education, Dyscalculia, Metacognition, Neurocognition, Educational Technology

Countries Visited

1. **Finland** – attended a ‘Training Programme for International Educators ’ (5 days)
2. **Sweden** – visited educational institutions (4 days)
3. **Estonia** - visited educational institutions (1 day)
4. **Singapore** – presented a research paper in an International Conference (2 days)
5. **Malaysia** – served as a Visiting Faculty - Lincoln University (5 days)
6. **Philadelphia, USA** - presented a research paper in an International Conference

Awards

1. **“EDUCATION EXCELLENCE AWARD 2017 IN THE FIELD OF MATHEMATICS” E-KIDS International** Foundation.
2. **“GRABS AWARD - 2018 BEST YOUNG FACULTY AWARD”** GRABS Educational Foundation.
3. **“VIWA AWARD - 2018 BEST YOUNG WOMEN IN EDUCATION”** Venus International Foundation.

PROJECT DETAILS:

TITLE	Project Director	PERIOD	FUNDING AGENCY	AMOUNT Rs.	STATUS
Impact of CAL Programmes in Primary and Upper Primary Schools of selected Districts of Tamilnadu	Dr.A.Pio Albina	12 months	SSA	2,00,000	completed
Occupational Stress and Job Satisfaction among Teaching Fraternity of SC/ST at Higher Education Level in Tamilnadu	Dr.A.Pio Albina & Dr.C.Anbucelvan	18 months	ICSSR	8,00,000	completed
Effect of yogic practice on selected physical ,physiological and psychological variables among school students	Dr.A.Pio Albina	24 months	AURF (inter-departmental)	3,00,000	completed
Comparative Analysis on Educational System in India and Finland	Dr.A.Pio Albina	12 months	AURF	25,000	completed

Membership in 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

Conference/Seminar/Workshop/Journal Publication

Number of Invited / Special Lectures delivered: **58**

Number of papers presented in Conferences : 74

Number of papers published in journals : 40

Some Highlights of the Academic Profile

- Presented paper in an *International Conference in Philadelphia, USA in 2019*.
- Served as a **Visiting Faculty** in Education in *Lincoln University, Malaysia* and handled 2 modules for Master of Education programme for international students (**2018 to till date**).
- Presented paper in an *International Conference in Singapore in 2018*.
- Successfully organized an *International Workshop* on ‘E-content Development’.
- Attended a ‘Training Programme for International Educators’ in **Finland** (5 days) and visited educational institutions (Global College, Stockholm & STAD – City Development Project) in **Sweden and Estonia** (3 days) in 2017.
- *Serving as an Educational Consultant for Mathematics project in E-KIDS Solution Private Ltd. and E-Solution Point Private Ltd.*
- Presented paper in an *International Conference in American University in the Emirates* in 2020 in Dubai, UAE.

Recent Publications in Reputed Journals:

- Joshpine T, Pio Albina A, (2023). Influence of metacognitive awareness on Technological Pedagogical and Content Knowledge (TPACK) among preservice teachers”, *Education and Information Technologies*, April, 2023, DOI: 10.1007/s10639-023-11764-y (**SCOPUS Q1 Journal**)
- 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. <https://doi.org/10.29333/iji.2023.1619a> (**SCOPUS Q1 Journal**)
- Adaikala Jeya.A, Pio Albina.A, (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 (**SCOPUS Q3 Journal**)
- Adaikala Jeya. A., Pio Albina. A, (2021), “Development and Standardization of Dyscalculia Screening Tool (DST)”, *Elementary Education Online*, Vol. 20, Issue. 5, pp.1982 – 1992, ISSN : 1305-3515 (SCOPUS indexed)
- Roashni.N., Pio Albina. A, (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)
- 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 (UGC CARE listed journal)
- Adaikala Jeya. A., Pio Albina. A, (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 <http://sersec.org/journals/index.php/IJCA/article/view/16063>

- Pio Albina.A, Farrah D Yusop (2020), “Concretizing Mathematics through Augmented Reality with Metacognitive Technological Pedagogical And Content Knowledge (M-TPACK) Framework” (Published in 3rd AUE International Research Conference at Dubai) proceedings publish by **Springer**)
- Pio Albina.A, (2020), “Pre-Service Teacher’s Teaching Practice With and without Ethnographic Lens-A Comparative Study”, *International Journal of Scientific & Technology Research*. Volume 9, Issue 02, February 2020 pp. 3280 - 3283 ISSN No. : 2277-8616. <http://www.ijstr.org/final-print/feb2020/Pre-service-Teachers-Teaching-Practice-With-And-Without-Ethnographic-Lens-A-Comparative-Study.pdf> (SCOPUS indexed)
- Adaikala Jeya. A., Pio Albina.A, (2020), “A Study on Intervention of Neurocognitive Skills for Primary school students in Sivagangai Educational District”, *International Journal of Advanced Science and Technology*. Vol. 29, No. 5, pp. 2436 - 2445 ISSN No. : 2207 6360 (SCOPUS indexed)
- Adaikala Jeya. A., Pio Albina. A, (2019), “Importance of Dyscalculia Screener for Diagnosing Students with Dyscalculia at Primary School Level”, *The International Journal of Analytical and Experimental Modal Analysis*, Vol.II, Issue-12, Page : 211-219 ISSN No: 0886-9367 (An UGC-CARE Approved Group- Scopus Indexed Till 1992)
- Pio Albina.A, (2019), “Teaching Mathematics through Flipped Classroom”, *Miracle of Teaching*. Volume-27, Issue-1. January-April, 2019. ISSN No. : 0755-7343.(UGC Approval No.- 200)
- Adaikala Jeya. A., Pio Albina.A, (2019), “A Study on Students with Dyscalculia and their Mathematical Abilities at Primary Schools in Karaikudi”, *International Journal of Social Sciences*. 4(3), 1533-1542. DOI: <https://dx.doi.org/10.20319/pijss.2019.43.15331542>
- Adaikala Jeya. A., Pio Albina.A, (2019), “Neurocognitive Strategies for Effective Learning in Mathematics” *Journal of Applied Science and Computations*, Volume-6, Issue-1. January,2019. ISSN No. : 1076-5131
- Pio Albina.A, (2018), “Effectiveness of E-Content in Teaching of Mathematics Education among B.Ed. Student-teachers”, *American Journal of Educational Research*. 2018, 6(7), 1021-1028. DOI: 10.12691/education-6-7-20
- Pio Albina.A, (2017), “Effectiveness of E-Content in Teaching of Mathematics Education among Below Average B.Ed. Student-teachers”, *Global Journal for Research Analysis*, March-2017 issue . ISSN - 2277-8160 (Impact Factor: 4.547).