



**Dr. J. E. MERLIN SASIKALA**  
Associate Professor

## Contact

**Address** Alagappa University  
College of Education  
Alagappa University  
Karaikudi – 630 003  
Tamil Nadu, INDIA

**Employee Number** : 40503

**Contact Phone (Office)** : (Office): +91 4565 226557

**Contact Phone (Mobile)** : (Mobile): +91 9487310877

**Contact e-mail(s)** : [merlin.sasikala@gmail.com](mailto:merlin.sasikala@gmail.com)

**Skype id** : live:;cid.db68dd0673a4d48c

**Website** : [www.alagappauniversity.ac.in](http://www.alagappauniversity.ac.in)

## Academic Qualifications

Degree	Institution	Year	Branch	Class
Ph.D.,	University of Madras	2014	Education	Awarded
M. Phil.,	Manonmanium Sundaranar University	1997	Coastal Aqua Culture	I
M.Sc.,	Manonmanium Sundaranar University	1996	Zoology	I
M.Ed.,	Manonmanium Sundaranar University	2001	General	II
M.Sc.,	Alagappa University	2019	Psychology	I
M.A.,	Alagappa University	2016	Sociology	I
PGDLD	INPA Chandigarh	2015	Diploma in Learning Disability	II
NET	-	2007	Education	-

**Teaching Experience: 20 Years**

Position	Institution	Duration
Associate Professor	Alagappa University College of Education, ,Karaikudi	02.03.2022 Till date
Principal i/c	Alagappa University College of Education	17-08-2022 to 17-11-2022
Assistant Professor	Alagappa University College of Education, ,Karaikudi	02.03.2010 to 02.03.2022
Principal	Sri Bharathi College of Education Pudukottai	4.6.2009 to 18.09.2009
Lecturer	SNDP Yogam Training College Adimali, Kerala	18.06.2001 To 13-08-2008

**Research Experience: 13 Years**

Position	Institution / University	Duration
Associate Professor	Alagappa University College of Education, ,Karaikudi	2022-Till date
Assistant Professor	Alagappa University College of Education, ,Karaikudi	2015-2022
Lecturer	SNDP Yogam Training College Adimali, Kerala	2004-2008

**Academic and Additional Responsibilities**

S. No	Position	University Bodies	Period	
			From	To
1.	Chief Superintendent in Examination	Alagappa University College of Education	2023	Till Date
2.	Chairman in Board of Studies	Alagappa University College of Education	2022	-
3.	Advisor	Equal Opportunity Cell, Alagappa University College of Education	2010	Till Date
4.	Member of Board of Studies	Alagappa University College of Education	2010	2022
5.	Member of Anti Ragging Committee	Alagappa University	2010	2016

## Areas of Research

- Educational Technology
- Learning Disability
- Teacher Education

## Patents Filed

- Merlin Sasikala J.E etal.. “Artificial Intelligence Based Nerve Activation Device for Health Care Treatment” Patent granted in UK Pat No. 6343798, 01 Feb. 2024
- Merlin Sasikala J.E etal.. “Smart Voice Assisted Learning Device for Visually Impaired Students” Patent granted in UK Pat No. 6330071, 1 Dec 2023
- Merlin Sasikala J.E .etal.. “Detecting Deep Fake Videos on Social Media Using Machine Learning” Patent granted in UK Pat No. 202341085040, 13Dec 2023

## Research Supervision/Guidance

Program of Study		Completed	Ongoing
Research	Ph.D	5	4
Project	PG	20	1

## Funded Research Projects

### Ongoing Projects:

S.No	Agency	Period		Project Title	Budget (Rs.In lakhs)
		From	To		
1.	ICSSR	2023	Ongoing	Preparation and Validation of Multimedia Package in the Teaching of Science to Hearing Impaired Students of Secondary schools	3.99
2.	Alagappa University Theme Based Project (TBRP)funded under RUSA Scheme PI-2	2022	Ongoing	Effectiveness of Metacognitive Intervention Strategies in Enhancing Teaching Competency among Prospective Teachers	5 .00

### Completed Projects:

		Period		

S.No	Agency	From	To	Project Title	Budget (Rs.In lakhs)
1.	AURF	March 2017	March 2019	Development Validation and Effectiveness of Instructional Strategies to Overcome Learning Disabilities In English at Upper Primary Level	0.25
2.	Alagappa University Theme Based Project (TBRP) funded under RUSA Scheme PI-2	Sep 2018	Sep 2020	Effectiveness of Cognitive Metacognitive and Neuro Cognitive Intervention Strategies in Enhancing Teaching Competency among Prospective Teachers	27.50

### Distinctive Achievements / Awards

- A.P.J Abdul kalam Award from Multidisciplinary International conference ,Thailand 2023

### Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/Monographs/Manuals
40	25	25	35	35

**Cumulative Impact Factor (as per JCR) : 16**  
**h-index : 1**  
**(Google Scholar)**  
**i10 index :-**  
**Total Citations :1**

### Event organized in leading roles

Number of Seminars /Conferences /Workshops/ Events organized:

Position	Programme	Duration	Institution
Organizing Secretary	Research colloquium on “Educational Research: Methods Vs Design.”	06.03.2023	Alagappa University College of Education, Karaikudi
Convenor	One day Workshop on Promoting Mental Health and Mindfulness	17.11.2022	Alagappa University College of Education
Convenor	Orientation Programme on Self Employment oriented Skill Development Programme	07.11.2022	Alagappa University College of Education
Convenor	Invited talk on importance of Communication Skills in Digital	29.09.2022	Alagappa University College of Education
Convenor	Swachhta Pakhwada	21.09.2022	Alagappa University College of Education, Karaikudi
Organizing Secretary	National Webinar on ‘Online Learning Need of the Hour’	11.06.2020	Alagappa University College of Education, Karaikudi
Organising Secretary	National Webinar on “Teacher and Metacognition”	05.06.2020	Alagappa University College of Education, Karaikudi
Organizing Secretary	Awareness Programme on Equal opportunity of person with Disabilities	19.09.2017	Alagappa University College of Education, Karaikudi
Organizing Secretary	Workshop on Gender Sensitization	11.01.2017	Alagappa University College of Education, Karaikudi
Organizing Secretary	Workshop on Soft Skills Development	02.09.2016	Alagappa University College of Education, Karaikudi
Organizing Secretary	Awareness Programme on Human Rights	16.08.2015	Alagappa University College of Education, Karaikudi
Organizing Secretary	Workshop on Awareness of B.Ed. Students regarding Higher Education opportunities and Employability Skills	19-10-2013	Alagappa University College of Education, Karaikudi

## Events Participated

Number of Conferences: 30

Seminars: 25

Workshops: 30

## Overseas Exposure/Visits

- Presented a Paper on “Role of Education in Transmission of International Culture” in the International conference on World Education and Culture organised by IDM –Inter National University SHARJAH held on 23 to 29th September 2023.
- Visited DUBAI ,ABUDHABI September 2023
- Presented paper on Effectiveness of multimedia based programme in developing experimental skills among prospective teachers in biological science in International Conference on Psychology language and teaching New York USA on 16 and 17<sup>th</sup> July .2019.
- Conference on International Trends in Research jointly organized by Sultan Idris Educational University, Malaysia & Tamil Cultural Centre, Alagappa University, karaikudi, at Malaysia on 28th march 2018.
- Presented paper on Flipped classroom An innovative Teaching Pedagogy in International Conference Innovative Approaches in Teaching Learning, University of Peradeniya, SRILANKA 17<sup>th</sup> October 2018

## Membership

### Professional Bodies

- Annual Membership in International Research Foundation
- Individual life Member in All India Association for educational Research
- Membership in Indian National Portage Association (INPA)
- Membership in council for Teacher Education
- Membership in Voice of Teachers
- Membership in International Multidisciplinary Research Forum
- Member in UGC XII plan proposals constitution of Planning board
- Member of Board of studies of B.Ed and M.Ed courses
- Member in the Association of North America Higher Educational International ANAHEI

### Advisory Board

Year/Period	Name of the BoS/Administrative Committee/ Academic Committee	Role
2022	College of Education BoS of B.Ed. Curriculum	Chairman
2019	College of Education BoS of B.Ed. Curriculum	Member
Since 2010	Departmental Research advisory Committee	Member

## Ph.D. Thesis Guided

1. No. of PhD Thesis evaluated: 6

2. No. of PhD Public Viva Voce Examination conducted: 5

S.No	Name of the Scholar	Title of the Thesis	Year of Completion
1.	J.Sebishy Joseph	Effectiveness of Certain Instructional Strategies To overcome Learning Disabilities in English At Secondary Level	2023
2.	M.Saraswathi	Effectiveness of Certain Instructional Strategies To overcome Learning Disabilities in Mathematics At Secondary Level	2023
3.	Himansha Tripathi	Quality of Higher Education in Kerala- Access, Equity and Quality”	2022
4..	G.Narayanamoorthy	A study of Relationship Among Emotional Intelligence Parental Involment and Academic Achievement of Higher Secondary students in Dindigul District	2021
5.	V.K.Karpagam	Developing and Validating Multimedia Package for Teaching Science To Hearing Impaired Students At High Schools	2021

### Selected Publications

S.No.	Authors/Title of the paper/Journal	Impact Factor
1.	Dr.J.E.Merlin Sasikala,(2023)Attitude Towards Self-Learning Package Among Hearing Impaired School Teachers PERIPEX-Indian Journal of Research, Peer Reviewed Journal ,Volume 12,Issue 11November 2023.	0.2
2.	Dr.J.E.Merlin Sasikala,(2023) Impact of female literacy on reproductive health and well-being of sample population from Tiruvallur district-semi urban area” <i>International journal of Rabindra Bharati Patrika</i> Vol.: XXVI, No. : 5, May 2023	0.1
3.	Dr.J.E.Merlin Sasikala,(2022) Effectiveness of Techno Pedagogy to Enhanced Blended Learning Among Biology Teachers At Higher Secondary Level”Sparkling Inter National Journal of Multidisciplinary Volume 5,Issue 3,September 2022.	0.2
4.	Dr.J.E.Merlin Sasikala,(2022) “Perception of Parents Towards Female Education” A Case Study of District Tiruvallur in Tamilnadu <i>The International journal of analytical and experimental modal analysis</i> Volume XIV, Issue I,January/2022	0.1
5.	Dr.J.E.Merlin Sasikala,(2021) “Emotional Intelligence Among High School Teachers” In Dindigul District <i>Elementary Education</i>	0.1

	<i>Online</i> ; Vol 20 (Issue 3): pp. 1878-1882, February 2021	
6.	Dr.J.E.Merlin Sasikala,(2021) “Usage of Social Media Among the under graduate students” Review of Research ISSN 2249-894X Vol 10 Issue 9 June 2021	0.1

### Resource Persons in Various Capacities

National Conferences : 2  
International Conferences : 1  
Invited Lectures :`19