



Dr. S. Arockia Elizabeth Josephine

Assistant Professor of Biology

Qualifications: M.Sc. (Zoology), M.Phil. (Zoology), M.Sc. (Psychology), M.Ed., M.Phil. (Education), Ph.D. (Education)

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ACADEMIC PROFILE LINKS

Vidwan ID: <https://vidwan.inflibnet.ac.in/profile/678523>

ORCID: <https://orcid.org/0009-0008-3371-1411>

Researcher ID: <https://www.webofscience.com/wos/author/record/PHD-6842-2026>

Google Scholar: <https://scholar.google.com/citations?user=ThdHQpQAAAAJ&hl=en>

ACADEMIC & RESEARCH PROFILE

Assistant Professor with 12 years of teaching and academic experience, specializing in Biology, Teacher Education, Research, Inclusive Education, Sustainable Development, AI in Education, and Innovative Pedagogy. Active contributor to research publications, international and national conferences, book chapters, faculty development, and academic programmes, with a strong commitment to quality teaching, research excellence, and higher education development.

INTERNATIONAL WEBINARS ORGANIZED

- One-Week International Webinar Title: “Teaching Redefined for Gen Z” Organized in collaboration with: Tamil Nadu Teachers Education University (TNTEU) Date: 17–23 May 2021.
- Three-Day International Webinar- Title: “Panpattu Adayalangan” Organized in collaboration with: Pandia Nadu Panpattu Mayam, Madurai, and Sundareshwari College of Education, Srivilliputtur Date: 1–3 August 2020
- Five-Day International Webinar Title: “Siragukalai Virippom” Organized in collaboration with: ICCDF, Singapore & USA, and MDS, Dubai, Date: 7–11 August 2020

- One-Week International Webinar Title: “Contextual Based Adaptive Pedagogy” Organized in collaboration with: Department of Education, Bharathiar University, Coimbatore, and Department of Education, Mother Teresa Women's University, Kodaikanal Date: 12–18 August 2020

RESOURCE PERSON

- National-Level Webinar : Served as a Resource Person for the National-Level Webinar on “Energy Conservation”, organized by CSI Bishop Newbigin College of Education, Chennai. Date: 18 August 2020
- National Webinar Session: Served as a Resource Person for the session titled “Eco-friendly Lifestyle and Children” during the One-Week National Webinar on “Eco-Friendly Practices for Sustainability”, organized in collaboration with NSS Training College, Changanacherry, Kerala. Date: 21 October 2020
- Faculty Development Programme: Served as a Resource Person and delivered a session on “Skill Assessment and Certification” during the National-Level Five-Day Faculty Development Programme on “Understanding NEP 2020: Shifting Focus from Knowledge Transmission to Skill Development”. Organized by: IQAC, Stella Matutina College of Education (Autonomous), Chennai, and Srividhya College of Arts and Science, Virudhunagar Date: 1–5 December 2025

INTERNATIONAL CONFERENCE – PAPERS PRESENTED

- Presented a paper titled “Innovative Educational Methods for Holistic Development” at the International Conference on “Holistic Pedagogy in a Changing World: Nurturing Global Citizens”. Organized by: Kannur Salafi B.Ed. College, Kannur, Kerala, Date: 25–26 October 2023
- Presented a paper titled “Inclusionary Education: Counselling and Guidance” at the International Conference on “Leveraging Inclusion to Accelerate Learning”. Organized by: Stella Matutina College of Education, Date: 20 November 2023
- Presented a paper titled “Towards Sustainable Futures: Advancing Inclusive Education” at the International Conference on “Leveraging Inclusion to Accelerate Learning”. Organized by: Stella Matutina College of Education Date: 20 November 2023
- Presented a paper titled “Innovative Educational Methods for Holistic Development” at the 3rd International Conference on Innovative Research and Development (ICIRD–2024). Venue: Shinawatra University, Thailand, Date: 8–11 November 2024, Organized by: Shinawatra University, Thailand; S.E.A. College of Engineering and Technology; Stella Matutina College of Education; and ESN Publications, India.
- Presented a paper titled “Applications of Machine Learning in Education” at the 3rd International Conference on Innovative Research and Development (ICIRD–2024). Venue: Shinawatra University, Thailand, Date: 8–11 November 2024,
- Presented a paper titled “Green AI in Teaching and Learning for Reducing Environmental Footprint” at the International Conference on “AI for Sustainable Future: Integrating Climate Literacy and Human Values towards Sustainable Development Goals (SDGs)” Organized by: IQAC, Stella Matutina College of Education (Autonomous), Ashok Nagar, Chennai Date: 12

November 2025, ISBN: 978-81-991797-1-4, DOI: 10.34293/AIforClimateLiteracy-HumanValues-SDGS

JOURNAL PUBLICATIONS

- “School Climate and Stress Coping Strategies of High School Students” Mukta Shabd Journal, UGC CARE List Group I, Peer-Reviewed International Journal in Science, Humanities and Engineering Technology Volume: IX | Issue: V | May 2020, Pages: 2632–2637, Impact Factor: 4.6, ISSN: 2347-3150
- “Holistic Approach in Value Education Towards the Empowerment of Society” Alochana Chakra Journal, UGC CARE List Group I, Monthly Peer-Reviewed Multidisciplinary Journal, Volume: IX | Issue: V | May 2020, Pages: 3675–3679, Impact Factor: 6.3, ISSN: 2231-3990.
- “Innovation and Changes in Empowering Society” Juni Khyat, UGC CARE Group I Listed Journal
Volume: 10 | Issue: 5 | May 2020, Impact Factor: 6.625, ISSN: 2278-4632
- “Incidental Teaching and Learning in the Classroom” Journal of the Oriental Institute, UGC CARE Approved, Group I, Peer-Reviewed and Referred Journal, Volume: 71 | Issue: 02 | April–June 2022
ISSN: 0030-5324.
- “Enhancing Student Learning through Teacher Professional Development” COGNITIVE DISCOURSES International Multidisciplinary Journal, Volume: 11 | Issue: 1 | July 2023 Pages: 555–565, pISSN: 2321-1075 | eISSN: 2347-5692
- “Inclusionary Education: Counselling and Guidance” Shanlax International Journal of Arts, Science and Humanities, November 2023, Pages: 104–110 ISSN: e-ISSN 2582-0397 | p-ISSN 2321-788X
- “Towards Sustainable Futures: Advancing Inclusive Education” Shanlax International Journal of Arts, Science and Humanities, November 2023, Pages: 97–103, ISSN: e-ISSN 2582-0397 | p-ISSN 2321-788X
- “Multi-Dimensional Perspective on Learning Satisfaction in Secondary Education” Indian Educational Researcher, Volume: 16 | Issue: 2 | December 2023, Pages: 14–21, ISSN: 0974-2123 DOI: 10.34293/0974-2123.v16n2.002
- “Techno-Pedagogical Skills as a Catalyst for Enhancing Teaching and Learning” EDUTERATE: A Bi-Annual Multidisciplinary Peer-Reviewed & Referred International Journal, Volume: 20 | Issue: 2 | September 2025, Pages: 1–7, ISSN: 0973-4546, DOI: 10.34293/0973-4546-Sep25-001
- “Examination Anxiety in Relation to Academic Achievement among Higher Secondary School Students” Indian Educational Researcher, Volume: 19 | Issue: 1 | June 2026, Pages: 35–43
ISSN: 0974-2123, DOI: 10.34293/0974-2123.v19n1.004

BOOK CHAPTERS

- “Improving Quality of Higher Education in India” In: Quality in Education, Pages: 319–324
Publisher: Lulu Publications, United States, Year: 2021, ISBN: 978-1-6780-5466-3
- “Education for Sustainable Development” In: Sustainable Development Starts with a Safe and Effective Learning Environment Publisher: IQAC, Annamalai University, Annamalai Nagar, Year: August 2022, ISSN: 978-92042-15-7
- “Understanding Mental Health of 21st Century Learners” In: Perspectives of Education with Special Reference Publisher: Shanlax Publications, Year: September 2024, ISBN: 978-93-6163-352-2
- Chapter contributed to the Proceedings of the 3rd International Conference on Innovative Research and Development (ICIRD–2024). Publisher: ESN Publications, ISBN: 978-93-90188-40-6
- “Transforming Education: Perspectives on Modern Pedagogical Practices” Part I of Perspectives of Education, Publisher: Shanlax Publications, Year: May 2025, ISBN: 978-93-6163-856-5
DOI: 10.34293/9789361638565-perspectives-of-education-part-I

SWAYAM / NPTEL / MOOC COURSES

- Emotional Intelligence, Duration: 8 weeks, Provider: NPTEL / MHRD, Period: January–March 2021
- Basic Research, Duration: 8 weeks, Provider: NPTEL / MHRD ,Period: August 2021
- National Education Policy 2020: Professional Development Programme, Provider: SWAYAM
Credits: 2, Date: September 2023
- Completed the MOOC course on “Artificial Intelligence (AI) for Teachers”. Date: 28 February 2024

WORLD RECORD EVENTS

- Organizing Committee Member and Participant – World Record Event titled “Longest Virtual Event on Vision 2020: Importance of Enhancing Life Skills for Reaching Higher Heights”. Date: 18 June 2021
Organized by: TNTEU, Chennai, involving 51 affiliated educational institutions.
- Organizing Committee Member – World Record Event titled “Longest Virtual Event on the Significance of Science and Culture in Building a Harmonious Society”. Date: 1 August 2021,
Organized by: TNTEU, Scale: 108 sub-themes; participation from 108 institutions; conducted continuously for 120 hours.
- Organizing Committee Member – World Record Event titled “Debate – Collaborative Discussion”.
Date: 25 August–15 October 2021, Organized by: TNTEU.
- Organizing Committee Member – World Record Event titled “Multiple Events on Corona Awareness”.
Date: 26–27 September 2021, Organized by: TNTEU.

- Participated in the Assist World Record Event – “The Longest Virtual Debate in Tamil – 27 Hours”, organized by TNTEU., Date: 8 April 2021.

AWARDS AND RECOGNITIONS

- **Certificate of Appreciation** – 2021: Appreciated by the Centre for Capacity Building Programme for School Teachers, Tamil Nadu Teachers Education University, for organizing the World Record Event held on 1 August 2021.
- **Certificate of Appreciation** – 2023: Received a Certificate of Appreciation from Senthamil International Learning Association for Maximizing the Biliteracy Urge (SILAMBU), USA, from Hon'ble Mayor Priya, Greater Chennai Corporation, for organizing the Teaching International Students Programme. Date: 3 August 2023
- **Vocational Excellence Award** – 2023–2024: Received the Vocational Excellence Award 2023–2024 from the Rotary Club of Chennai Crown., Date: 3 March 2024
- **Humanitarian Award** – 2024: Received the Humanitarian Award, awarded by the Rotary Club of Chennai Crown in association with Bharatheeya Naatu Vaidhya Mahapadashala. Date: 2 August 2024

ACADEMIC, RESEARCH & ADMINISTRATIVE RESPONSIBILITIES

- Served as Member Secretary of the Monitoring Committee.
- Served as Member Secretary of the Library Committee.
- Served as Member Secretary of the Website Committee.
- Served as Member Secretary of the Research Ethics Committee.
- Served as Coordinator of the Eco Club.
- Served as a Member of the Academic Council, Tamil Nadu Teachers Education University (TNTEU).
- Served as an External Examiner for B.Ed. Degree Practical Examinations at various Colleges of Education and Tamil Nadu Teachers Education University (TNTEU).
- Serving as Placement Officer, Career Guidance Cell.
- Serving as Coordinator, Student Internship Committee.
- Serving as Member Secretary, Research Development & Journal Committee.
- Serving as Member Secretary, Parents–Teachers Association
- Supervisor and Research Guide for M.Ed. and Ph.D. Scholars.