

Dr. Jerlin Priya Lovelin Auguskani

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Profile Summary

- ✓ I am an Assistant Professor with 22 years of experience successfully contributing to **Medical Surgical Nursing** curriculum development and delivery.
- ✓ I am Innovative Assistant Professor bringing proven success in implementing **technology-based curriculum delivery and assessment tools**.
- ✓ I am Passionate about fostering **academic development and success** for every student.
- ✓ I am the **Head of the Department** – 2022, 2023, 2024 and 2025 at Aldarb University College, Jazan University.
- ✓ I was the **Quality Coordinator** – 2020 & 2021 at Aldarb University College, Jazan University.
- ✓ I have attended Workshop on m-Health on Diabetes management at University of New South Wales, Australia on 3rd February 2017.
- ✓ I was a **Senate member** in Tamilnadu Dr. MGR. Medical University.
- ✓ I have necessary knowledge in **Blackboard** tools utilization and **Blended Learning**. I am a creative, motivating, talented, and passionate educator dedicated to fostering a student-centered classroom environment based on mutual respect and collaboration.
- ✓ Committed to helping students identify and develop their passions while becoming successful and confident scholars and learners.
- ✓ Exceptional track record of research success with multiple published articles in highly indexed journals and conferences.
- ✓ Life Member of Trained Nurses Association of India.

Certifications

- ✓ Consultant – Medical Surgical Nursing – SCFHS – 05/04/2024 - 11/02/2026.
- ✓ Specialist – Nursing – SCFHS – 14/02/2024 – 11/02/2026.
- ✓ 2024-26 BLS, Saudi Heart Association
- ✓ 2024-26 ACLS, American Heart Association
- ✓ 2017-04 IELTS 2001-01
- ✓ Registered Nurse and Midwife - Life Time

Accomplishments

- ✓ Achieved Quality assurance through effectively helping with training, evaluation and documentation.
- ✓ Supervised team of 50 staff members.
- ✓ Documented and resolved Quality assurance issues which led to Departmental accreditation.
- ✓ Achieved 95% by introducing effective classroom teaching strategies.
- ✓ Achieved 100% results by completing administration and Quality assurance tasks with accuracy and efficiency.

- ✓ Collaborated with team of 4 members in the development of research project.
- ✓ I collaborated with the other members of the advisory committee to finalize textbook decisions and discuss the structure of the standard syllabus.
- ✓ I delivered lectures at Scientific Meetings, Invited Seminars, Workshops, and Faculty/Teaching Development Activities.
- ✓ Worked in **committees of NCAAA accreditation** for the college and university.

Education

Duration	Degree and Institution
2011 January – 2015 December	Ph.D. (Nursing) Medical Surgical Nursing The Tamilnadu Dr.M.G.R. Medical University Tamilnadu, India <i>Thesis title: Therapeutic Role of Honey in the Management of Diabetic Ulcer</i>
2002 September – 2004 October	Master of Science (Nursing) Medical Surgical Nursing Annai J.K.K.S. College of Nursing, The Tamilnadu Dr.M.G.R. Medical University Tamilnadu, India
1996 August – 2000 August	Bachelor of Science (Nursing) Christian College of Nursing, The Tamilnadu Dr.M.G.R. Medical University Tamilnadu, India

Professional Experience

Duration and Organization	Roles and Responsibilities
December 2017 – <i>Current</i> Aldarb University College, Aldarb, Jazan University, Kingdom of Saudi Arabia	<ul style="list-style-type: none"> • Assistant Professor & Head of Nursing Aldarb University College, Jazan University, Aldarb • Contributed educational and clinical expertise to help optimize training courses and boost student learning. • Supported student educational and vocational planning to help each optimize learning strategies and reap longterm career benefits. • Liaised with medical and nursing personnel to evaluate and improve teaching and nursing practices.

- Prepared and administered periodical examinations to test student skills.
 - Assessed student knowledge levels and abilities with detailed assessments.
 - Prepared and delivered lectures to undergraduate students on topics such as Emergency and Critical Care Nursing, Research Methodology, Research Writing, Infection prevention and control, Epidemiology, Total Quality Management and Medical Surgical Nursing.
 - Prepared course materials such as syllabi, homework assignments and handouts for distribution or use within classroom.
 - Led and facilitated student research projects in Nursing science.
 - Worked well in team setting, providing support and guidance.
 - Participated in team projects, demonstrating ability to work collaboratively and effectively.
 - Gained extensive knowledge in data entry, analysis and reporting.
 - Supported periodic lab sessions, contributing to student engagement, comprehension and learning objectives.
 - Contributed to campus activities to promote positive university image.
 - Created materials and exercises to illustrate application of course concepts.
 - Performed research to serve as basis for academic writing for publication.
 - Mentored students and communicated internship and employment opportunities.
 - Proctored exams and provided remediation for learning improvement goals.
 - Evaluated and supervised student activities and performance levels to provide reports on academic progress.
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November 2007 – November 2017
Principal Annammal College of
Nursing, Tamilnadu, India.

- Researched and incorporated new educational trends and instructional strategies to optimize education effectiveness.
- Performed classroom evaluations to assess teacher strategies and effectiveness.
- Cultivated positive relationships between community members, school students, and teachers.
- Defined and enforced student academic achievement standards in line with district goals and objectives.
- Mentored newly hired educators and provided encouragement and feedback.
- Trained teachers on effective teaching techniques, classroom management strategies, and behavior modification.
- Monitored student behavior and enforced discipline policies.
- Communicated policies and procedures to students and parents regarding student behavior.
- Counseled students about rules and policies during school assemblies.
- Verified student grades, attendance and schedules.
- Observed teachers, documented activities and implemented improvement plans to optimize classrooms.
- Managed budgets and resources for educational programs. Excellent Academic research Excellent Curriculum Development Excellent Academic advisement Excellent Languages English Excellent Tamil Excellent Arabic Average Malayalam Good
- Studied assessment information covering students, teachers and school operations to formulate improvement plans.
- Formulated and implemented school safety and security policies.
- Coordinated staff and student activities to promote safe and productive learning environment.

	<ul style="list-style-type: none"> • Monitored student progress and implemented intervention strategies to support student success.
<p>November 2006 – October 2007</p> <p>Principal, Nisarga College of Nursing, Karnataka, India</p>	<ul style="list-style-type: none"> • Monitored student behavior and enforced discipline policies. • Administered personnel policies and procedures for school faculty and staff. • Cultivated positive relationships between community members, school students, and teachers. • Researched and incorporated new educational trends and instructional strategies to optimize education effectiveness. • Defined and enforced student academic achievement standards in line with district goals and objectives. • Performed classroom evaluations to assess teacher strategies and effectiveness. • Monitored and evaluated educational programs to maintain high-quality performance objectives and standards.
<p>September 2004 – September 2006</p> <p>Lecturer, Nursing Sree Mookambika College of Nursing, Tamilnadu, India.</p>	<ul style="list-style-type: none"> • Answered call lights and supported patient comfort and safety by adjusting bed rails and equipment. • Helped patients effectively manage routine bathing, grooming, and other hygiene needs. • Documented care actions by completing records and logs in medical software system. • Monitored, tracked, and conveyed important patient information to healthcare staff to help optimize treatment planning and care delivery.
<p>November 2000 – September 2002</p> <p>Clinical Instructor, Annai J.K.K.S College of Nursing, Tamilnadu, India.</p>	<ul style="list-style-type: none"> • Led daily operations by providing laboratory instruction, student advisement and industry best practices. • Implemented new educational techniques to boost student comprehension while reducing learning time. • Provided nursing skill demonstrations for medication administration, dressing changes and clinical logs. • Provided immediate and constructive feedback to students individually and as group.

Awards

- Best Documentation Award for the year 1442/2021 received from Aldarb University College

Research Interest

Diabetes Mellitus, Chronic Diseases, Teaching and Learning, Clinical Practice

Academic Accomplishment

As Resource Person in

- Workshop – **m-Health on Diabetes management**– University of New South Wales, Australia – 3rd February 2017
- National conference- **Nursing Excellence in Health care** – 15th and 16th December 2016
- State level Seminar – **Injection Safety** – 8th October 2016
- National Conference -**Legal and ethical issues in care of elderly** – 1st October 2016
- CNE Workshop - **Legal implications of IV therapy & common problems and tips for success in patients with difficult IV access** – 24th September 2016
- CNE Workshop - Patient Safety and Quality Nursing Care – **Injection, Infusion and Immunization Safety** – 7th June 2016.
- State level conference on quality standards and accreditation for health care services – **Patient Safety**- 20th June 2015
- National Workshop - **ACLS Survey** – Critical Care Management – 30th April 2015
- National Conference - National conference on Operation Room Management – **Surgical Safety & protocols** - Operation Room Management - 12th to 13th June 2014
- Workshop on operation room management – **Types of surgeries**– 14th June 2014
- CMAI Tamilnadu Regional Conference– **Love your profession, Safety Precautions**– 6th and 7th June 2014
- National Conference on **Interactive Education in Nursing** – 24th April 2013
- In-service Education on **Biomedical waste management** – 11th May 2012
- Workshop - **Importance of Instructional aids in Nursing education** - 12th May 2012

As an Organizing chairperson in

- Seminar on mHealth on Diabetes management - 20th January 2017
- National conference- Nursing Excellence in Health care – 15th and 16th December 2016
- Workshop on Disaster management and awareness with National Disaster Management Authority of India – 23rd September 2016

- Workshop on Modern Trends in Critical Care Unit with hands on training- 30th September 2010
- Workshop on Importance of Instructional aids in Nursing education – 12th may 2012
- Workshop on Operation Room Management 14th June 2014
- State level workshop on critical care management – 30th April 2015
- Conference on Patient Safety - 8th October 2016
- State level conference on Nurse the healer- seven wonders of holistic healing – 12th may 2016
- CMAI Tamilnadu regional conference – 6th and 7th 2014
- CMAI Tamilnadu regional conference – choose life partners together in ministry – 19th June 2015
- CMAI Tamilnadu regional conference – seminar on patient safety – 8th October 2016
- State level conference on quality standards and accreditation for health care services – 20th June 2015
- National Seminar on Modern trends in critical care unit – 2nd October 2010
- Seminar on World AIDS day-Getting to Zero - 2nd December 2011
- National conference on Operation Room Management – 12th to 13th June 2014
- Panel Discussion on Teaching Strategies - 3rd October 2008
- Conference on Interactive Education in Nursing – 24th April 2013
- In-service Education on Hospital waste management – 11th May 2012
- World TB day – reach, treat and cure everyone with catholic health association of India and Aashya TB free project – 23rd March 2015
- Simulation on Fire safety and prevention – 8th May 2012
- simulation on smoke management saves lives – 14th April 2012
- Simulation on Fire safety is the Best Insurance – 14th April 2014
- Symposium on Vector Borne Diseases – 7th April 2014
- Mass awareness Programme on Prevention of communicable and Non communicable diseases – 10th May 2012
- Mass awareness Programme on Dengue Fever – 19th April 2013
- Mass awareness Programme on Nutritional Deficiency – 24th March 2014
- Mass awareness Programme on viral infections – 13th March 2015
- Fire safety drill – 1st July 2015
- Leprosy awareness seminar with DD, Leprosy office
- Mass awareness programme with IEEE, Madras section- 1st May 2016

As a Participant in

- Workshop on AI and Language Learning in Higher Education – E – Learning Center in collaboration with Deanship of Development and Quality, Jazan University – 21st April 2025.
- Faculty Development Program/Training Program on Statistical Analysis with Excel – 25th to 29th March 2025 – Research Foundation of India.

- SSCP Webinars: Transforming Obesity Management: A Multidisciplinary Approach – 16th March 2025 – 2 CME.
- STTP on Mastering SCISPACE: An AI Tool for Researchers – 14th and 15th March 2025 – Research Foundation of India.
- IGNITE Webinar: Shingles Burden on Elderly & Immunocompromised Population & Importance of Vaccination (Central Region) – 26th February 2025 - 2 CME
- Linah Conference for Virtual Health Care – 25th and 26th February 2025 – 14 CME
- IGNITE Webinar: Shingles Burden on Elderly & Immunocompromised Population & Importance of Vaccination (East Region) – 25th February 2025 - 2 CME
- Workshop on Optimizing Patient Care during Ramadan; A Multidisciplinary Approach – 25th February 2025 - 4 CME
- IGNITE Webinar: Shingles Burden on Elderly & Immunocompromised Population & Importance of Vaccination (West Region) – 24th February 2025 – 2 CME
- Faculty development program on “Innovative Teaching and Learning Pedagogy “ – Research Foundation of India - 17th February to 22nd February 2025
- Workshop on “Program to raise readiness and enhance the educational process” - University Agency for Academic Affairs – Jazan University – 26th November 2024
- Workshop on “Integrating Inquiry Based Learning into your lectures” - University Agency for Academic Affairs – Jazan University – 26th November 2024
- Teaching and Learning Forum – Jazan University – 25th November 2024
- Workshop on “Micro credentials in Higher Medical Education” – University Agency for Academic Affairs – Jazan University – 25th November 2024
- Workshop on “The power of Five for Long Term Success in HIV Management” – IVPN – AR – 18th September 2024
- Faculty Enrichment Program – 11th & 12th September 2024
- 5th EOS Annual Conference Event 2024 – Dubai Health Authority.
- Workshop on “How to write Course Report and Annual Report” 27 – 28th March 2019, Jazan University.
- Workshop on “Course Learning Outcome” December 2018 at University college, Aldarb.
- Workshop on “Blackboard Teaching” – 15th November 2018 at University college, Aldarb.
- Seminar of “m-health in primary health care and Disaster management” – 23rd October 2016 at GCT, Coimbatore.
- Workshop on Advances in Cardiology – 26th February 2011
- Introduction to scientific and medical writing – TN Dr MGR Medical University, Chennai.
- Workshop on Wound management Strategies – CMC Vellore.
- Workshop on Research methodology – NIMHANS, Bangalore

- TNAI Biennial conference – 12th to 14th October 2009

Official Position/ Academic Position/ Sociocultural Voluntary Organization

- Head of the Department – 2022 to till date at Aldarb University College, Jazan University
- Exit Examination Chairperson – 2024 Academic year at Aldarb University College, Jazan University
- Supervisory Committee member – 2023 & 2024 Academic year at Aldarb University College, Jazan University
- E - Portal Committee Coordinator – 2024 Academic year at Aldarb University College, Jazan University
- Scientific Research Committee Coordinator – 2022 & 2023 Academic year at Aldarb University College, Jazan University
- Quality Coordinator – 2020 & 2021 at Aldarb University College, Jazan University
- AeHIN – Member
- Contributory editor – Nursing Education and Administration – Journal of Tamilnadu Nurses and Midwife Council.
- Senate member in Tamilnadu Dr. MGR. Medical University.
- Advisory Committee member – Ph.D Study centre at St.Xaviers College of Nursing
- Convener / Member of Inspection commission – TN Dr MGR Medical University, Tamil Nadu Nurses and Midwives Council.
- Paper setter / Evaluator - TN Dr MGR Medical University, Chennai.
- Chief Superintendent/Examiner - TN Dr MGR Medical University Examinations, Chennai.
- Chair person in International & National Conferences.
- Student Nurses Advisor – Institution level
- Coordinator National Red Cross society- Institution level.
- Coordinator National service scheme- Institution level
- Life member in Trained Nurses Association of India.

Patents

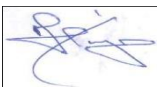
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- Certificate of Registration for a UK Design for Personalized Medicine Packaging Device, Design Number: 6334246, Grant Date; 06 January 2024.
 - Certificate of Registration for a UK Design for Automated Prescription Drug Dispensing Device, Design Number: 6333863, Grant Date; 18 December 2024.

Research Publications (International Journals)

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1. “Prevalence, Risk Factors and Complications of Diabetes Mellitus in Middle East and North African Region: A Systematic Review” submitted to Sultan Qaboos University Medical Journal.

2. **Chronic Disease Management of Diabetes: A Systematic Review** accepted for publication in International Journal of Statistics in Medical Research.
3. **Public Health Preparedness and Response: Lessons Learned from Recent Global Health Crises**, Journal of Neonatal Surgery, Vol.14, Issue 7s (2025), Page 279-292.
<https://www.jneonatsurg.com/index.php/jns/article/view/2396> DOI: [10.52783/jns.v14.2396](https://doi.org/10.52783/jns.v14.2396)
4. **Integrating AI-Driven IoT Solutions for Enhanced Predictive Analytics in Healthcare a Comprehensive Study on Chronic Disease Management**, IEEE Explore, January 2025.
DOI: [10.1109/ICEC59683.2024.10837020](https://doi.org/10.1109/ICEC59683.2024.10837020), <https://ieeexplore.ieee.org/document/10837020>
5. **Advanced fetal ultrasound diagnostics: Innovative methodologies for improved accuracy in detecting down syndrome**, Elsevier, Medical Engineering and Physics, April 2024.
6. **Deep hierarchical cluster analysis for assessing the water quality indicators for sustainable groundwater**, Elsevier, May 2024,
<https://www.sciencedirect.com/science/article/abs/pii/S2352801X24000420>.
7. **The Neuropsychiatric Impact of COVID-19: A Systematic Review of Mental Health and Adaptation Strategies**, International Neurourology Journal, December 2023,
DOI:10.5123/inj.2023.4.in115
8. **Advancing Deep Learning Techniques in Automated Imaging for Diagnosing Down Syndrome from Ultrasound Foetus Images**, International Neurourology Journal, December 2023,
DOI:10.5123/inj.2023.4.in115
9. **“Pioneering Ethical Boundaries: Empowering AI Governance for the Future of Pharmaceutical and Nursing Sectors**, Latin American Journal of Pharmacy, July 2023,
<http://actafarmbonaerense.com.ar/index.php/latamjpharm/article/view/390>
10. **“Transforming Healthcare Innovations: Integrating AI in Drug Discovery, Development, and Nursing**, Latin American Journal of Pharmacy, July 2023.
<http://actafarmbonaerense.com.ar/index.php/latamjpharm/article/view/389>
11. **“Health care and Management based on Block chain and machine learning”** published by IEEE, 2023 International conference, DOI: [10.1109/ICECONF57129.2023.10083757](https://doi.org/10.1109/ICECONF57129.2023.10083757)
12. **“Smart Cold Chain Monitoring and Alert System for Vaccine Carrier”** published in PERIODICO di MINERALOGIA, Volume 91, No.5, 2022, Pp 349-357.
13. **“An Analysis of commitment among College teachers”** has been published in Int. J. Intelligent Enterprise, Vol. 8, Nos. 2/3, 2021.
14. **A study on faculty perspective towards alternative teaching practices (E-Learning — Blackboard) during COVID 19**. Indian Journal of Science and Technology 13(34): 3538-3548.
[https://doi.org/ 10.17485/IJST/v13i34.1205](https://doi.org/10.17485/IJST/v13i34.1205)
15. **A cross-sectional study on awareness, attitude and perception of COVID 19 among the people of Kingdom of Saudi Arabia..** Indian Journal of Science and Technology 13(41): 4297-4306.
[https://doi.org/ 10.17485/IJST/v13i41.1851](https://doi.org/10.17485/IJST/v13i41.1851)

16. **“A study to assess the chemical composition and antibacterial properties of honey”** **Journal of Biomedical Research**, 2018;29(19):3584-3589;ISSN 0970-93X, 2018.
17. **“Mobile based primary health care for diabetes”** was published on The Nightingale Nursing Times on volume XIII Number 2, May 2017.
18. **“Role of Laparoscopy in the Management of Acute Abdomen in Pregnancy”** was published in International Journal of Scientific Study in June 2015 (| Vol 3 | Issue 3).
19. **"A descriptive study on prevalence of bacterial pathogens in diabetic ulcer and interventional component for the prevention of foot ulcers** “was published in issue(volume 3, issue 4; oct- 2014) of International Journal of Medical Research and Health Sciences.
20. **“Effectiveness of Povidone Iodine Sitzbath versus Lavender Oil Sitzbath on Episiotomy Pain and Wound healing among postnatal mothers undergone normal Vaginal delivery”** was published in Volume: 8, No. 4, July – August 2016 of The Nurse.
21. **“Effectiveness of Video Teaching Programme on Early detection of Breast Cancer among women with Menstrual Disorders”** was published on Volume: 8, No. 5, September – October 2016 of The Nurse.
22. **“Awareness on Prevention of Diabetic Foot Ulcer among Diabetic Patients”** was published on The Nightingale Nursing Times on August 2014.
23. Scientific paper and poster presented during International conference on **“Transforming Nursing practice through research”** on Jan 2014 at Omayalachi college of Nursing.
24. Scientific paper presented during Nurses day celebration 2011 at TN. Dr.M.G.R.Medical University.



Dr. Jerlin Priya

Dated: 10/09/2025