



Dr Senani Samarasinghe , MBBS ,MD,PG Diploma in Applied Statistics

Senior Lecturer | Department of Anaesthesiology &
Critical care , Faculty of Medicine , University of Peradeniya
Head E library | Faculty of Medicine , University of Peradeniya

Designation

Senior Lecturer | Anaesthesiology and
Critical care (Nov 2021 - present)

Qualifications

MBBS (Peradeniya Dec 2009)
MD Anaesthesiology (Aug 2018)
PG Diploma in Applied Statistics (Jun2011)

Research Interests

- Anaesthesia and Peri-operative Medicine
- Intensive care
- Pain Medicine
- Peri operative Haemodynamics in
transplant anaesthesia
- Application of Artificial Intelligence in
Medical Education
- Application of Artificial intelligence in
Clinical Diagnostics

Professional Memberships

Member of : COASL (FCCM | SLSA)| KSM
| PeMSAA | Resus Council (SL) | AIFA

Profile

Lecturer, researcher, and clinician with a
Master's in Anaesthesiology and Critical
Care. Passionate about teaching, research,
and innovation. Committed to advancing
medical education through emerging
technologies . A dynamic professional
focused on raising healthcare training
standards and contributing meaningfully

to clinical practice and institutional
development.

Posts Held

- Divisional Head – Faculty of Dental
Sciences Dental Operating theatre and
Dental ICU
(Jan 2024 – Dec 2024)
- Head E library – Faculty of Medicine
(Oct 2024 - present)
- Acting Consultant Anaesthetist – Base
Hospital Diyathalawa .
(Oct 2021- Nov 2021)
- Liver Anaesthetic Fellow – Queen
Elizabeth Hospital , Birmingham -UK
(2020-2021)
- Specialty Registrar – Anaesthesia / ICU
Queen Elizabeth , Birmingham UK
(2019-2020)

Publications (Summary)

<https://scholar.google.cm/citations?user=AGul->

<https://orcid.org/0009-0003-6388-8537>

[www.linkedin.com/in/senani-samarasinghe
31737a1ab](http://www.linkedin.com/in/senani-samarasinghe31737a1ab)

<https://www.researchgate.net/settings/profile>

- Artificial Intelligence in Clinical Practice
SUD Samarasinghe, AS Samarasinghe, Sri Lanka
Journal of Medicine 33
(2),2024
- Median Arcuate Ligament Syndrome complicated
with Mesenteric Ischaemia: a
case report
SUD Samarasinghe, AS Samarasinghe, LS
Chathuranga, J Perera , Global

Journal for research analysis, Volume-6, Issue-4, April, ISSN No 2277 - 8160.

- Use of intermediate cervical plexus block in carotid endarterectomy -an alternative to deep cervical plexus block: a case series

Chamoda Bandara 2 Affiliations Expand Ashani Ratnayake 1, Anura

Abeyasundara 2, Bandula Samarasinghe 3, Jeewantha Rathnayake 3, Senani-

Samarasinghe 2, Rochana Perera 4, BMC Anesthesiology1, 2024

- Post dural puncture headache and its potential to obscure sinister

pathologies: A case report

Bhagya Hewawasam, Mihirinie Sumithraarachchi, Ashani Ratnayake, Saman

Nanayakkara, Senani Samarasinghe, Anura Abeyasundara, Sajitha Weerasinghe,

Champika Gihan, Githmini Sandaru ,researchsquare, 2024 ,

- Challenges of liver transplantation programs in low- and middle-income

countries: An experience from Sri Lanka ,Jayarathna, Jayamini, Dassanayake, B,

Dorji, Thinley, Lucero-Prisno, Don, Samarasinghe, Senani, Pinto, Vasanthi,

Lamawansa, VL - 3, DO - 10.1002/puh2.162, Public Health Challenges, 2024.

Teaching Experience (Summary)

Faculty of Medicine

-Teaching BLS and basic clinical skills – First year Medical students Y1S2

-IT Productivity Lecture and practical sessions for Y1S2

- IAM 1 for second Year Medical Students Y2S1- Anaesthesia related topics

-Introduction to AI and AI applications in undergraduate research Y2S1

-IAM 2- Y3S1 – Y4 S1

PBL, CBD presentations / group activities

-AI for exam preparation – Y3S2

- Anesthesia Clinical Clerkship – Y4

-Anaesthesia Clinical topic Discussions and Lectures

-Hospital based training – Y4

- Final year – Lectures in Anesthesia and Intensive care

Faculty of Dental Sciences

-Sem 4 teaching lectures & ward classes

-intensive care and OUT clinical rotation – Facilitator

Faculty of Allied Health Sciences

-Critical care Nursing Module

-Disaster Management module

POSTGRADUATE TEACHING- RESOURCE PERSON

-PGIM- Colombo PG Anaesthesia trainer

-Pre MD – Anaesthesia preparatory course – resource person

- Pre MD Surgery

- Per MD Emergency Medicine

- Pre MD selection exam and MD – Mock OSCE in Gyn and Obs

- PGIS – Peradeniya – M Sc Medical Physics

National Contributions

-Honorary Consultant Anaesthetist – Teaching Hospital and Dental Hospital Peradeniya .

- Honorary Visiting Consultant Anesthetist – SBSCH – Peradeniya

- European Resuscitation Council - Full instructor

-Local ALS - Kandy - Course Director

- Australian APLS Provider

- Continuous Medical Education programme for staff in Anaesthesia and ICUs at Teaching Hospital Peradeniya (CME- THP) Coordinator since 2021 to date

-Initiation of Liver transplant programme at THP

Skills in Using Technology/tools in Education

-Moodle Platform

-Perusall

Artificial intelligence – applications in Medical education and Research

-MS Office

-Google workspace

-MS Teams