

Mrs. Dilini Srinika Wijerathne

No: 146, Gunasekara Mv, Maththumagala, Ragama

Mobile: 011-2954273, 071-0186915

E-mail: dswij@ou.ac.lk

Personal Profile

Aspiring for a distinguish career for working as a part of the academia in national and international sectors related to the field of fashion designing and product development specialization with planning and preparing varied curriculums, delivering & assessing teaching, and learning methods in Sri Lanka and overseas while enthusiastically building the strong leadership qualities and managerial skills.

Present Employment

- **Present – March 2020:** Head of the Department, Department of Textile & Apparel Technology- OUSL.
- **Present- 2014:** Senior Lecturer Grade II, Department of Textile & Apparel Technology, The Open University of Sri Lanka, Newalla, Sri Lanka.

Professional Qualifications

- **Present – 2019:** Completed the graduation of Doctor of Philosophy (P.hD). Research on “Methods and mechanisms to improve piezoresistive pressure sensor performance with poly-pyrrole and composites for smart wearables” attached to the Tiangong University, Tianjin, China. Date of graduation 14th June 2021.
- **2019:** Certificate awarded for an excellent presentation on the 2nd National Forum for Doctoral Students studying in China from Chana Association for International Education, on the 1st November 2019.
- **2015 - 2009:** MPhil – “Development of fashion illustration communication system based on Sri Lankan identity”, The Open University of Sri Lanka, Newalla.
- **2014:** Certificate of Teaching in Higher Education (CTHE), The Open University of Sri Lanka. Newalla.
- **2000 – 2004:** Bachelor of Designing (B. Des) honour, specialized in fashion design, Faculty of Architectures, University of Moratuwa, Sri Lanka.
- **2000:** Certificate in Garment Production Management – Clothing Industry Training Institute (CITI), Ratmalana, Sri Lanka.

Acedemic Qualification

- **2021:** Appointed as the Head of the Department, The Department of Textile and Apparel Technology with effect from 01-03-2021 at the 473rd Council meeting held on 25-02-2021.
- **2021:** Appointment as the training coordinator of the Department for the specialization of Fashion Design and Product Development from March 2021.
- **2017:** Appointed as a Degree program coordinator - Bachelor of Industrial Studies-Fashion Design and Product Development in the Department of Textile and Apparel Technology with effect from 23-02-2017.
- **2014:** Promoted as Senior Lecturer (Gr.II) post in the Department of Textile and Apparel Technology, OUSL with effect from 24-03-2014.
- **2015-2009:** Appointed as the Lecturer (Confirmed) in the Department of Textile and Apparel Technology, OUSL with effect from 01-01-2009 at the 412th Council meeting held on 28-08-2015.
- **2009:** Appointment as the post of Lecturer (Probationary) in the Department of Textile and Apparel Technology, OUSL with effect from 01-01-2009.
- **2008:** Appointment as the post of Temporary Lecturer in Textile and Apparel Technology, OUSL with effect from 02-10-2008.
- **2008:** Appointment as an Industrial Material Designer in the Department of Textile and Apparel Technology, OUSL with effect from 03-03-2008.

Work Experience

- **2017- 2016:** Visiting Lecturer, University of Visual & Performing Art, Colombo 07, Course delivery on VATW 33084 Fashion Design, Academic year 2015/16.
- **2014- 2009:** Lecturer (Probationary), Department of Textile & Apparel Technology, The Open University of Sri Lanka, Newalla.
- **2009:** Post of unit Author for TTJ5247 fashion illustration, Department of Textile & Apparel Technology, The Open University of Sri Lanka, Newalla.
- **2009 - 2008:** Temporary Lecture, Department of Textile & Apparel Technology, The Open University of Sri Lanka, Newalla.
- **2008:** Instructional Material Designer (2008), in the department of Textile & Apparel Technology, The Open University of Sri Lanka, Newalla.

- **2007 - 2005:** Fashion Designer (Management trainee), Arto'life sample room, Aspic group, High level road, Colombo 06, Sri Lanka.
- **2007 January:** Visiting Lecturer, Clothing Industry Training Institute (CITI), Ratmalana, Sri Lanka. Course delivery on Fundamental of Design.
- **2006-2005:** Visiting Lecturer, Department of Architecture, University of Moratuwa, Sri Lanka. Course delivery on sewing techniques and pattern making basics, Level 03- B.Des.
- **2005- 2004:** Visiting Lecturer, Department of Architecture, University of Moratuwa, Sri Lanka. Course delivery on sewing techniques, Level 03- B.Des.

Specialized areas

- **Sensor development for smart wearables** - conductive polymer coatings, pressure sensor performance evaluation and mechanisms for developments.
- **Fashion concept & design development-** process of concept and design development and professional presentation methods.
- **Fashion illustration-** hand drawing skills and computer practices (*Adobe illustrator/ Kalido style*) for eight head, nine head and elongated fashion figure development for male, female and children drawing, colour medium practices, fabrics and accessory drawing for fashion figures.
- **Fashion product development** – skills for fashion draping, pattern development for ladies' garment and sewing.

Publications

- **2021:** Lqbala W, Jiangb Y, Owais M, Siddiquic R, Ahmedd R, Xong Q, Afzalf S, **Gunasekara D.S.W**, Hussainh R, The measurement of dynamic tension fluctuation in a flat knitting machine, International Journal of Innovation, Creativity, and Change. Volume 15, Issue 6, 2021, pp 900-911.
- **2021: Gunasekara D.S.W**, He Y, Liu H, Liu L, Smart wearable, highly sensitive pressure sensor with MWCNTs/PPy aerogel composite, Accepted by the Journal of Fibers and Polymers.
- **2021:** Munasinghe A.H.S.H, **Wijerathne D.S**, An Analysis of Trend forecasting for Denim Jean practices in men's wear category, Sri Lanka, Abstract published online on 7-12-2021 by the research symposium- FGS-UVPA2021, Faculty of Graduate Students, University of Visual and Performing Art, pp 29.

- **2021: Gunasekara D.S.W**, Niu X, Lqbal W, He Y, Liu H, Pyrrole coating with in-situ polymerization for piezo-resistive pressure sensor development - A review, submitted on 23rd October 2021 to the journal Macromolecular Research.
- **2020: Gunasekara D.S.W**, Hao Liu, High stability macro porous polypyrrole based pressure sensor with modified polydopamine coating, proceedings of the 3rd International Forum on Textiles for Graduate Students (IFTGS) Tiangong University Tianjin, China, presented on 29th November 2020 through online - Tencent international version -VooV Meeting.
- **2020: Gunasekara D.S.W**, He.Y , Fang. S, Zhao. L, Liu.H, Liu.L, High repeatability macro porous sponge piezoresistive pressure sensor with polydopamine/polypyrrole composite coating based on in situ polymerization method, Accepted by the journal: Applied Physics A on 01-09-2020. Ref No. APYA-D-20-01077R1. DOI: 10.1007/s00339-020-03962-z.
- **2020: Gunasekara D.S.W**, He.Y, Liu.H, Liu.L, Smart wearable, highly sensitive pressure sensor with MWNTs/PPy aerogel composite, Accepted by the journal: Fiber and polymers on 02-11-2020. Ref No. FIPO-D-20-00787R1.
- **2020: Gunasekara D.S.W**, Liu.H, Investigation of the stability enhancing method for pyrrole in situ polymerization on flexible synthetic substrates, p. 704-714. Proceedings of the second international forum on textile for graduate students (IFTGS), Tianjin Polytechnics university, Tianjin, China.
- **2016: Wijerathne D.S**, A study on pictorial expressions of the Kandyan school art style: Gangaramaya temple murals, Kandy, 72nd Annual sessions of the Sri Lanka Association for the Advancement of Science, p.31, proceedings on 7th to 9th December 2016.
- **2016: Wijerathne D.S** and Perera P.V.M.R, A study on the fashion preference of executive grade staff: Age of 20 to 30, Ladies from the Western province, Sri Lanka, Annual academic sessions OUSL-2016, p. 41. Proceedings on 17th & 18th November 2016.
- **2015: Wijerathne D.S**, Ariadurai S.A and Silva N.D, drawing composition techniques practiced in Kandyan and Southern school art murals, Sri Lanka, Annual academic sessions OUSL-2015, p. 211- 214. Proceedings on 19th& 20th November 2015.
- **2012: Wijerathne D.S**, Ariadurai S.A and Silva N.D, Tradition to modernity- concept development for fashion illustration systems inspired by Sri Lankan drawing techniques, Annual academic sessions OUSL-2012, p. 106- 109. Proceedings 27th & 28th February 2013.
- **2011: Wijerathne D.S**, Development of ceremonial and academic dresses of OUSL, Annual academic sessions OUSL-2011, p. 140- 144. Proceedings 14th & 15th September 2011.
- **2011: Wijerathne D.S**, Ariadurai S.A and Silva N.D, Study on pictorial expression of the mural paintings at Subodharamaya temple murals of Karagampitiya, Dehiwala,

Annual academic sessions OUSL-2011, p. 145- 148. Proceedings 14th & 15th September 2011.

- **2009: Wijerathne D.S,** Ariadurai S.A and Silva N.D, Preliminary development of a fashion illustration system based on the Gangarama murals in Kandy, Annual academic sessions OUSL-2011, p. 186 -190, Proceedings 15th & 16th October 2009.

Conference & participation

- **2019: Gunasekara D.S.W,** Liu H, Study on pyrrole coating with in situ polymerization to enhance the stability of conductive signals on flexible synthetic substrates, 2nd “Study in China” doctoral forum, the foreign student’s education, and management related to all provinces of China, held in Southeast University, Nanjing, China. conference presentation on the 1st November 2019.
- **2016: Wijerathne D.S,** A study on pictorial expression of the Kandyan school art style: Gangaramaya temple murals, Kandy, conference presentation for 72nd Annual session of Sri Lanka Association for the Advancement of Science (SLAAS) on 08th December 2016.

International Contribution

- **2020:** Participated and presented the research “High stability macro porous polypyrrole based pressure sensor with modified polydopamine coating” at the third international forum on textiles for graduate students-IFTGS” held by Tiangong University Tianjin, China on 29th of November 2020 through online and won the second prize for the forum.
- **2019:** Participated and presented the research “Study on pyrrole coating within situ polymerization to enhance the stability of conductive signals on flexible synthetic substrates” at the 2nd “Study in China” doctoral forum, the foreign student’s education and management related to all provinces of China, held in South East University, Nanjing, China and awarded the certificate for an excellent presentation on 1st of November 2019.
- **2018:** Participated and presented the research “Investigation of the stability enhancing method for pyrrole in situ polymerization on flexible synthetic substrates” at the 2nd international forum on textiles for graduate students-IFTGS” held by Tianjin Polytechnics university, Tianjin, China on 9th of September 2018.
- **2015:** Participate as a trainer for the programme “Train the Trainer” at Sindh Technical Education & Vocational Training Authority (STEVTA) in Karachi, Pakistan as a collaboration work with the Skills International Pvt Ltd, Sri Lanka, related to the field of fashion designing, including two training visits to the Pakistan in August and December 2015. (February 2015 - February 2016).

National Contribution

- **2017 January:** Member for Alumini Association of Department of Integrated Design, Faculty of Architecture, University of Moratuwa. No:2017/073
- **2016 July:** Life membership for Sri Lanka Association for the Advancement of science (SLAAS). No: 10174/C.
- **2014:** Coordinated Ransalu fashion show 2014, at BMICH on 21st December 2014, with students of the Department of Textile and Apparel Technology, OUSL, sponsored by the Department of Textile Industry of the Ministry of Commerce and Industry, Orugodawaththa, Sri Lanka.
- **2014:** Developed the Designs for academic clocks for Chancellor, Vice Chancellor, Deputy Vice Chancellor, Deans of the faculties and academic gown for postgraduate.
- **2014:** Appointed on invitation for Technical Evaluation Committee for the Procurement of Dress form for the Department of Textile & Apparel Technology, OUSL.
- **2013 November 26 & 27:** Conducted a draping workshop for 3rd year students, Department of Textile & Wearable Arts, University of the Visual & Performance Arts, Colombo 07, Sri Lanka.
- **2011:** Developed the Design for “OUSL Tie” for academic and higher administrative offices and for graduated students.
- **2008:** Participanted for Association of Women Artist (AWA) exhibition at Lionel Went Gallery, Sri Lanka.
- **2004:** Costume designed and coordinate the costume production for drama “Becket” choreographed by Mr. Bandulla Withanage.
- **2004:** Participanted for “Artlink” workshop, conducted by British Council and German cultural institute in Bay Beach Hotel, Weligama, Sri Lanka.

Other Qualifications

- **2016:** Certificate of participation for Speech crafter program - “Toastmasters international – Success communication and success Leadership series” – Lyceum club TMC.636934. (February – September 2016)
- **2016 February:** Certificate of participation “Entrepreneurship proramme –Business plan Competition & Pitching Event-Open Start-up 2016, Faculty of Engineering Technology, OUSL.

- **2013:** Participated for course instruction in first aid and passed the proficiency examination held by the St. John Ambulance Association of Sri Lanka.
- **2005:** Diploma for fabric painting, Faculty of Asian International Vocational Education, High-level Road, Nugegoda, Sri Lanka.
- **2000:** Implant training (two weeks) in Koggala Manufacturing pvt. Ltd, Koggala.
- **2000- 1999:** Certificate for Wildlife & Nature Conservation, Wildlife trust, Sri Lanka.

Referees

Prof. SA Ariadurai

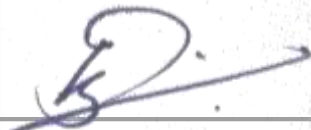
Vice chancellor- OUSL
VC office / The Open University of Sri Lanka
Nawala, Nugegoda
Tel: 0112881240
Email: saari@ou.ac.lk

Prof. Nimal De Silva

Emeritus Professor
University of Moratuwa
Tel: 0714210389
Email: tknpdesilva@gmail.com

I certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience.

Dr.(Mrs). D.S Wijerathne



30/ 12/ 2021

Name

Signature

Date