

Dr. Thusitha Rodrigo

Department of Aeronautical Engineering

Preamble	“A passionate lecturer, motivational public speaker, certified trainer, innovative engineer, professional manager and an experienced administrator with more than 15 years of experience in diversified and different levels of management with a desire to inspire people and organizations to Continuously Improve ”
Exposure	First-hand experience in rotor and fixed wing aircraft maintenance management including production planning, quality assurance, structural repairs, modifications and safety management. Known for mentoring highly motivated aeronautical engineers and technicians to function in an aggressive and demanding military environment to meet schedules while coordinating compliance specialists and OEMs in maintenance supply chain in matters related to import and export of aircraft spares. The aviation specific academic exposure covers a diverse array of specializations including lecturing, and course contents preparation for multidiscipline aeronautical undergraduates and aircraft maintenance trainees.
Educational Qualifications	<p>Doctor of Philosophy (Ph.D.) in Management Science and Engineering Huazhong University of Science and Technology / Wuhan, China Outstanding International Academic with an average of 90.46</p> <p>Post Graduate Degree in Manufacturing Management University of Colombo / Sri Lanka Distinction Pass</p> <p>Bachelor of Science in Engineering (First Class) General Sir John Kotelawala Defense University /Sri Lanka First in order of merit in the Engineering stream with seven awards for academic excellence</p> <p>Advance English Diploma University of New South Wales Distinction pass</p> <p>National Diploma in Applied Computing Council for Information Technology Sri Lanka</p>

Career	Visiting Lecturer Department of Aeronautical engineering Faculty of Engineering General Sir John Kotelawala Defense University/ Ratmalana, Sri Lanka
	Doctoral research fellow/ Faculty Member Huazhong University of Science and Technology /Wuhan, China
	Military Lecturer/Faculty Member General Sir John Kotelawala Defense University/ Ratmalana, Sri Lanka
	Head of the Engineering & Personal administration Aircraft Preservation Wing & Air force museum / Ratmalana, Sri Lanka
	Deputy Head of Engineering & Production planning No. 12 Fighter Jet Squadron / Katunayake, Sri Lanka Air Force
	Aeronautical Engineer/ Technical Service Manager Sri Lanka Air Force Base China Bay & Hingurakgoda
Consultancies	Consultant - Bussiness Plan Formulation University Hospital KDU - Ministry of Defense
	Consultant - Engineering Student Programs Trans Maldivian Airline - Maldives
Academic Expertise	Aeronautical Engineering lecturing for post graduate & under graduates Coordination of Degree programs, Diploma & Certificate levels Undergraduate and Postgraduate Research Supervision Personal administration Project Supervision Motivation & Leadership training
Engineering Expertise	Aviation Human resource planning Maintenance Production Planning Major and minor repair administration Quality Assurance Aeronautical Engineering Program Management/Project coordination
Subject Specializations	Airframe Systems Aircraft Structures Maintenance Practices Air Breathing Propulsion Gas Turbine Engines Aviation Management

Aviation Safety Management Systems
Aviation Human Factors

**Lecturing
Experience**

Senior Lecturer - Faculty of Management/ Post Graduate Studies
KDU - Ratmalana
Senior Lecturer - Faculty of Management & Finance
Aquinas College of Higher Studies
Graduate Teaching Assistant
Huazhong University of Science and Technology /Wuhan, China
Visiting Scholer
Wuhan University /Wuhan, China
Visiting Lecturer - Engineering Training
Sri Lankan Airlines
Visiting Lecturer - Engineering Management
Trans-Maldivian Airlines / Maldives
Visiting Lecturer - Helitours Training
Sri Lanka Air Force training center - Ekala

**International
Exposure**

Management Consultant on Engineering Student Programs
Trans Maldivian Airline - Maldives
Specialized Training on Aviation Engineering Resource Management
“Lviv State Aircraft repair plant” Ukraine (March 2013)
Country Representative (2016-2019)
HUST - China
Seminar on International Student Affairs (December 2016)
Optics Valley - Wuhan China

Awards

Outstanding International Academic - PhD Category (2018)
Huazhong University of Science and Technology / Wuhan, China
Full Scholarship for Ph.D. (2016)
Chinese Scholarship Council (CSC) / People's Republic of China
Distinction in Postgraduate degree (2014)
University of Colombo / Sri Lanka
Engineering Faculty batch top with Seven Awards (2005)
General Sir John Kotelawala Defense University / Ratmalana, Sri Lanka
Sword of Honour for the best all-round performance of KDU intake XIX
Best graduate officer from Sri Lanka Air force
Best graduate in Engineering Faculty
Best graduate in Aeronautical engineering
Best graduate in Strategic & Defense studies
Best graduate in International Relations
Best final year project

Management Training	<p>Certified trainer on EASA part 66 Training</p> <p>Certificate course in Industrial Safety Equipment</p> <p>Certificate Course in Safety Management Systems</p> <p>Certificate Course in Human factors</p> <p>Certificate Course in Quality Assurance</p>
Engineering Training	<p>Mig 27 functional tester certification course (Lviv State Aircraft Repair Plant, Ukraine)</p> <p>Advance diploma in Aircraft maintenance</p> <p>Certificate Course in Safety Management Systems</p> <p>Certificate Course in Aviation Human factors</p> <p>Certificate Course in Aircraft corrosion Control</p> <p>Certificate Course in Aircraft Maintenance Licensing</p>
Dissertations & Book Chapters	<p>PhD Dissertation</p> <p>“Employee centered optimal workforce planning for South Asian budget airline ground operations (A case study from Sri Lanka)”</p> <p>Post Graduate Dissertation</p> <p>Process enhancement through “Six Sigma” application at the airline Engine overhaul facility.</p> <p>Co-Author</p> <p>Aircraft accident and incident investigation procedure manual for Sri Lankan Air Force.</p> <p>Co-Author</p> <p>Aircraft corrosion control manual for Sri Lankan Air Force.</p> <p>Co-Author</p> <p>Aviation Quality Assurance manual for Sri Lankan Air Force.</p>
Projects	<p>Technical manpower productivity evaluation framework for Sri Lankan Airlines.</p> <p>Maintenance manpower optimization model for Sri Lanka Air Force Alert value calculation methodology for the pool exchange aircraft components.</p> <p>Structural integrity revalidation methodology for aging aircraft of Sri Lanka Air Force.</p> <p>Proactive maintenance philosophy for the aging aircraft fleet of Sri Lanka Air Force.</p>
Commendations & Appreciations	<p>Special Letter of appreciation by Air Vice Marshal AWE Wijesooriya Director Engineering - Sri Lanka Air Force (2019)</p> <p>Certification of Appreciation awarded by General J Jayasuriya VSV USP ndu Chief of Defense Staff - Sri Lanka Socialist Republic (2013)</p>

Two Certificates of honour for outstanding voluntary services
by the School of **International Education HUST, Wuhan China**

Appreciation of service by **Wing Commader HSS Thuyacontha RWP RSP**
Commanding Officer No 09 Attack Helicopter Squadron

Personal Information

Full Name	Warnakulasooriya Thusitha Shenone Rodrigo
Date of Birth	02 nd September 1981 (38 Years)
School	Ananda College, (Colombo 10)
Marital Status	Married
Address	No 158/1, 5 th Lane, “Big City”, Rukmale, Pannipitiya
Religion	Roman Catholic
Phone	(+094) 0712460542
Email	Thusith.rodriigo@gmail.com

Special Highlights

Retired Air Force officer (Squadron Leader) with more than
15 Years of commissioned service.
Following **gallantry medals** were awarded during the armed service
Armed Services Long service Medal
North Humanitarian Campaign Medal
East Humanitarian Medal
Purna Bhumi Padakkama
Senior Prefect of Ananda College Prefects Guild