

Chathuranga Madhushan Basnayaka

Faculty of Engineering
Sri Lanka Technological Campus
Ingiriya Road, Padukka
Sri Lanka.
Email:chathurangab@sltc.ac.lk

Ilukwatte,Imbulpe
Balangoda
70100,Sri Lanka.
Phone: +94728377347
Email:basnayakac8@gmail.com

ACADAMIC QUALIFICATION

Doctor of Philosophy

Doctoral school
National Research Tomsk Polytechnic University (TPU),Russia
Advisor: Prof.Dushantha Nalin K. Jayakody
Co-advisor: Dr. Udesh Oruthota

Expected 2022

Bachelor of the Science of Engineering

Electrical and Information Engineering
University of Ruhuna, Sri Lanka
OGPA 3.13

November 2017

Certificate in English

Sabaragamuwa University of Sri Lanka, Sri Lanka

September 2013

ACADAMIC EXPERIENCE

Sri Lanka Technological Campus,Padukka

Centre for Telecommunication Research

April 2019- Present
(Research Associate)

- Course coordinator:
 - TEE303 : Modern Control Theory
 - TEE105 : Analogue Electronics 1
- Involved in designing of course materials for Electrical Machines and Data Communication.
- Conducted laboratory demonstrations and tutorial class in Power Systems, Electrical Machines and Drives for undergraduates.
- Member of the Electronics and Power Systems Study Board and Board of examination,School of Technology.

University of Sri Jayawardanapura,Colombo

Dept.of Electrical and Electronic Engineering

August 2018- April 2019
(Laboratory Demonstrator)

- Conducted laboratory demonstrations and tutorial class in Power Systems, Electrical Machines and Drives for undergraduates .

University of Ruhuna,Matara

Dept. Of Electrical and Information Engineering

September 2018- January 2019
(Visiting Instructor)

- Conducted the laboratory classes in Power Systems, Electrical Machines and Drives for undergraduates

PROFESSIONAL PROFILE

Net Lanka Engineering Service (Pvt) Ltd,Colombo

Engineering Division

March 2018- August 2018
(Regional Manager /Engineer)

- Plan, budget, oversee and document all aspects of the PIS project in Uva Region

Ceylon Electricity Board
Engineering Division

Dec.2016-April.2017
(Undergraduate Engineering Intern (In-plant Trainee))

Sri Lanka Telecom Mobitel (Private) Ltd
Network Planning and Operation Division

Dec.2016-April.2017
(Undergraduate Engineering Intern)

RESEARCH AND PROJECT EXPERIENCE

Wireless Energy Transmission for Access Limited Underground Sensors Jan.2017-Nov.2017
With Dr. S.H.K.K. Gunawickrama and Mr. D. S. De Silva, University of Ruhuna
In this project, we focus on designing an affordable device to provide wireless power to access limited underground systems and devices

Integrating Unmanned Aerial Vehicles in to the Cellular Network April 2019- Present
With Prof.Dushantha Nalin K. Jayakody and Prof.H.C.Wang
The objective of this research is to introduce novel techniques for integrating UAV communication system into the cellular network.

PUBLICATIONS

A. Sharma, P. Vanjan, N. Paliwal, C. M. W. Basnayaka, D. N. K. Jayakody, H.C. Wang and P. Muthuchidambaranathan, *Communication and Networking Technologies for UAVs : A Survey*, Journal of Network and Computer Applications (Submitted).

PROFESSIONAL MEMBERSHIPS

Institution of Engineers, Sri Lanka (IESL)
(Membership Number:AM-23372)

2018- Present
(Associate Member)

SCHOLARSHIPS

J. R. Jayewardene Memorial Scholarship
Awarded by J R Jayawardena Centre, Colombo

2012

PERSONAL INFORMATION

Full Name:Wijerathna Basnayaka Mudiyansele Chathuranga Madhushan Basnayaka
Born:July 22,1993-Ratnapura,Sri Lanka
Nationality: Sri Lankan

REFEREES

Prof.Dushantha Nalin K. Jayakody
Professor
Director of Infocomm Lab
School of Computer Science and Robotics
National Research Tomsk Polytechnic University
Tomsk 634050,Russia.
Phone:+7(3822)701777
Email :nalin@tpu.ru

Dr.Chamitha de Alwis
Head of the Department
Dept. of Electrical and Electronic Engineering
Faculty of Engineering
University of Sri Jayawardhanapura
41, Lumbini Avenue ,Ratmalana
Sri Lanka
Phone: +94113041607
Email:chamitha@sjp.ac.lk