# University of Moratuwa

## Department of Electronic & Telecommunication Engineering

# Postgraduate Diploma / M.Sc. in Telecommunications

Applications are called from suitably qualified candidates for the above programme commencing in May 2022.

**Eligibility Requirements :**

a) B.Sc. Engineering degree of University of Moratuwa, in a relevant field as judged by the Faculty and approved by the Senate, **OR**

b) Any other Engineering degree in a relevant field and equivalent to (1) as judged by the Faculty, and approved by the Senate, **OR**

c) A minimum three year full-time degree from a recognized university, specializing in a relevant field, **AND** a minimum one year experience in a relevant field after graduation, both as may be judged by the Faculty and approved by the Senate, **AND** successful performance in the placement examination of the programme, **OR**

d) A professional qualification of a recognized professional institute in a relevant field **AND** a minimum of one year of appropriate experience after obtaining such qualification: the acceptability of the professional qualification of the candidate, the recognition of the institute and the relevancy of the field for this purpose shall be judged by the Faculty and approved by the Senate.

**Duration :** M.Sc. is a six term (two year) part time or three term (one year) full time programme.

**Part-Time M.Sc. Programme :**

The first three terms consist of the core part of the taught component. Classes will be conducted on weekends at the University. Those who successfully complete these three terms including examinations will be eligible for the award of a Postgraduate Diploma. Candidates who meet the eligibility requirement of the M.Sc., will complete a research project during the subsequent three terms, and will be awarded the M.Sc. Degree upon successful completion.

**Full-Time Programme :**

Candidates may also complete the M.Sc. programme in one year on a full-time basis, where the first year and the second year work will be carried out simultaneously.

**The Programme covers the following areas (curriculum revised in 2019) :**

- ➢ Wireless Communications and Networks
- ➢ Network Planning, Design & Management
- ➢ Network Security
- ➢ Emerging Technologies
- ➢ Optical Communications & Networks
- ➢ Microwave Systems
- ➢ Statistical Learning & Pattern Recognition
- ➢ Digital Communications
- ➢ Broadband Wireless Systems
- ➢ Signal Analysis
- ➢ Applied Information Theory
- ➢ Decision Theory (Optimization)
- ➢ Advanced Stochastic Processes
- ➢ Telecom. Technology Management, Policy, Regulatory and Business Aspects

**Tuition Fees :**

Part-time MSc Programme : Rs. 325,000 (1st year)
                          Rs. 100,000 (2nd year)
Full-time MSc Programme : Rs. 425,000

**Applications :**

Application forms and further details are available at http://www.ent.mrt.ac.lk/msc-telecom

Duly completed applications should be sent by post to:

**The Course Coordinator,**
**PG Diploma/MSc. in Telecommunications**
**Department of Electronic and Telecommunication**    **Email: pg-telecom@uom.lk**
**Engineering, University of Moratuwa.**    **Tel: 011 2640051 ext. 3348 or 3300**
   **Mobile: 077 4289821**

**Closing date of applications : 31st January, 2022**
**Interviews for short listed applicants will be held on 06th February, 2022.**

**Registrar**
**University of Moratuwa**