



UNIVERSITY OF MORATUWA

Faculty of Information Technology

Department of Computational Mathematics

Master of Science in Artificial Intelligence - 2024

Department of Computational Mathematics of the University of Moratuwa announces the commencement of the 17th intake of M.Sc./PG Diploma in Artificial Intelligence. The primary objective of the programme is to impart the knowledge of theory and applications of modern Artificial Intelligence technologies to device intelligent software solutions for tomorrow's world thereby ensuring multifaceted career paths for the potential candidates.

Entry Requirements

The Honours degree of the Bachelor of Science in Information Technology or the Honours degree of the Bachelor of Science in Information Technology and Management of the University of Moratuwa, Sri Lanka;

OR

The Honours degree of the Bachelor of Science of Engineering of the University of Moratuwa, Sri Lanka in a relevant field of specialization as may be approved by the Senate;

OR

A four year degree from a recognized university in Information Technology/ Computer Science/ Computer Engineering or any other relevant field as may be approved by the Senate;

OR

A four year degree from a recognized university in a relevant field with a minimum of one year of appropriate experience as may be approved by the Senate;

OR

A three year degree from a recognized university in a relevant field with a minimum of two years of appropriate experience as may be approved by the Senate;

OR

Any recognized category of membership of a recognized professional institute, obtained through an academic route, with a minimum of two years of recognized appropriate experience obtained after the membership, as may be approved by the Senate.

Course Structure

Duration

M.Sc.: Two Years Part-time

PG Diploma: One Year Part-time

All lectures, assignments and seminars will be normally conducted online on weekends. Those who successfully complete all the examinations, assignments and seminars of first year will be eligible for the award of a Postgraduate Diploma in Artificial Intelligence. The M.Sc. in Artificial Intelligence will require the completion of a one year research project during the second year of the course.

The course offers a wide range of courses in Artificial Intelligence covering:

- Essentials of AI
- Deep Learning
- Evolutionary Computing
- Artificial Cognitive Systems
- Fuzzy Reasoning
- Natural Language Processing
- Computer Vision
- Cloud Computing for AI
- Reinforcement Learning
- Generative AI
- Semantic Web and Ontological Engineering
- Applied Machine Learning
- Data Mining & Data Warehousing
- Distributed Computing Concepts for AI
- Deductive Reasoning & Logic Programming
- Embedded Robotics

Application Procedure

Candidates are required to submit applications via ONLINE mode (via internet) for the academic year 2024/2025 with a scanned copy of a paying-in-slip voucher obtained from any branch of Bank of Ceylon for Rs. 5,000/= (being the application fee for M.Sc./PG Diploma in AI) drawn in favour of the Bursar, University of Moratuwa (Account No: 70993353) together with copies of relevant educational & experience certificates. Applications received in no other medium will be accepted.

Online application forms can be found in URL:

https://lms.uom.lk/apply_pg.php

Candidates must enter the mobile number and email address with utmost care as all further intimations will be made either via mobile number or via email.

Course Fees

Sri Lankan Students: LKR 650,000

International Students: USD 4,000

For Sri Lankan students living in a foreign territory: 20% Discount

Application Fee: LKR 5,000/USD 35

Closing date for submission of the application is :

22nd September 2024

Dr. Thilini Piyatilake

Course Coordinator

Ms. Tharuni Kavishka

Course Assistant

MSc. / PG Diploma in Artificial Intelligence, Department of Computational Mathematics, Faculty of Information Technology, University of Moratuwa, Katubedda, Moratuwa, 10400

Web: <https://uom.lk/itfac/education/postgraduate/artificial>

Email: cc-msc-ai@uom.lk / Office: + (94)-11-2650893 Ext: 8210

Mobile: + (94)-70-5720747 / Office: + (94)-11-2650301 Ext. 8230

Registrar

University of Moratuwa