

SHORT COURSE

GENERATIVE AND AGENTIC AI AUTOMATION FOR PROFESSIONALS

Build AI Agents, Automation Workflows, Intelligent Engineering and Business Solutions in 3 Days (21 hours)



MQA
Approved



Learn Gen AI and Agentic AI Automation Concepts

Definitions, working principles and applications.



Use Agentic AI Automation Tools

Hands-on training with n8n, OpenAI, Gemini, LM Studio and several tools and APIs.



Engineering & Business Use Cases

Build AI assistants and workflow automation, for networking, security, IoT, email management, market intelligence etc.



Participants

Ideal for students, engineers, entrepreneurs and professionals interested in AI automation.



DATES

14th November,
21st November and
28th November 2026



DURATION

3 Days
(21 hours)



COURSE FEE

Rs 12,000

- ✓ Certificate
- ✓ Course pack
- ✓ Lunch included



REGISTRATION DEADLINE

4th November 2026

Limited Seats: 15 participants per batch



REGISTER INTEREST

<https://tinyurl.com/generative-ai-automation>



Registration form and payment details are annexed.

KEY TOOLS YOU'LL WORK WITH



n8n



OpenAI



Gemini



LM Studio
& more

TRAINERS



Associate Professor (Dr)
Tulsi Pawan Fowdur

✉ p.fowdur@uom.ac.mu



Mr Lavesh Babooram

✉ laveshbabooram@gmail.com

University of Mauritius reserves the right not to run the course.

COURSE DETAILS

DAY 1

Session 1: Introduction to GenAI concepts, AI agents, Agentic AI and AI Automation.	09:00-10:30
Session 2: Gen AI and automation tools.	10:30-12:30
Session 3: Advanced workflow automation: AI quotation, FAQ /customer enquiry assistant.	13:00-14:30
Session 4: AI Automation workflow for market intelligence: Competitive analysis & strategy with n8n, Google Gemini AI and Apify.	14:30-16:30

DAY 2

Session 5: Automated website security and URL analysis using n8n workflow combined with LM Studio.	09:00-10:30
Session 6: Automated promotional campaign generator with n8n and Chat GPT / Gemini AI.	10:30-12:30
Session 7: Automated website scraper and alert generator.	13:00-14:30
Session 8: Automated GPS attendance tracking with web interface and n8n.	14:30-16:30

DAY 3

Session 9: Vision automation with LM Studio and n8n.	09:00-10:30
Session 10: Real-time weather forecasting with n8n automation, LM Studio and WhatsApp integration.	10:30-12:30
Session 11: Real-time network traffic monitoring and analysis with automated prediction and classification.	13:00-14:30
Session 12: WhatsApp business assistant with Gemini AI / LM Studio.	14:30-16:30

TRAINERS BIOGRAPHY



Dr. Tulsi Pawan Fowdur received his BEng (Hons) degree in Electronic and Communication Engineering with first class honours from the University of Mauritius in 2004. He was also the recipient of a Gold medal for having produced the best degree project at the Faculty of Engineering in 2004. In 2005 he obtained a full-time PhD scholarship from the Tertiary Education Commission of Mauritius and was awarded his PhD degree in Electrical and Electronic Engineering in 2010 by the University of Mauritius. He is also a Registered Chartered Engineer of the Engineering Council of the UK, Fellow of the Institute of Telecommunications Professionals (UK), Senior Member of the IEEE and Editorial Board Member of Scientific Reports. He joined the University of Mauritius as an academic in June 2009 and is presently an Associate Professor at the Department of Electrical and Electronic Engineering of the University of Mauritius. He has also served as Faculty Research Advisor from April 2022 to July 2024 at the Faculty of Engineering and Vice Chair of the IEEE Mauritius Section from January 2022 to December 2025. His research interests include Mobile Communications, Artificial Intelligence, Networking, Cybersecurity, Telecommunications Applications Development, Industry 4.0, Energy Efficient Communications and Internet of Things. He has over 150 publications in these areas including nine books and is actively involved in PhD supervision, editorial tasks and the organization of international conferences.



Lavesh Babooram received his BEng (Hons) degree in Telecommunications Engineering with Networking with First Class Honours from the University of Mauritius in 2021. He was awarded the Gold Medal for having produced the best Final Year Project at the Faculty of Engineering for the academic year 2020/2021. He also holds an MSc by Applied Research in Telecommunications Engineering from the University of Mauritius, where his research focused on the application of artificial intelligence and machine learning to network traffic analysis, quality of service, quality of experience analytics, and real-time multimedia communications. He is a Registered Professional Engineer with the Council of Registered Professional Engineers (CRPE) Mauritius, and currently works as a Network Engineer in the Networks Department at Mauritius Telecom Ltd., where he is involved in network automation and the development of intelligent solutions for modern telecommunications networks. His research and professional interests focus on bridging the gap between artificial intelligence and telecommunications systems, with particular emphasis on autonomous networks, intelligent service assurance, and next-generation communications infrastructures.

PAYMENT METHODS

Course Registration Link: <https://tinyurl.com/generative-ai-automation>

While effecting payment, kindly specify the course title and the course code:

- **Title:** Generative and Agentic AI Automation for Professionals
- **Code:** N3 2026 2502

The payment options are as follows:

Option	Payment Mode	Details
(a)	Cash Payment	The payment may be effected between 9.15 a.m. and 2.30 p.m. on weekdays at the Cash Office, Finance Section, Old Stone Building of the University of Mauritius in Cash, Card, by Bank Office Cheques & through my.t money.
(b)	SBM Bank (Mauritius) Ltd	Account Number: 62025100002544. Internet Banking: www.sbmgroup.mu
(c)	Mauritius Commercial Bank Ltd	Account Number: 000142555444. Via Internet banking: www.mcb.mu or MCB Juice
(d)	My.T Billpay	Through mobile applications.

You are strongly required to input the course title and code as given above for proper allocation.

* **HRDC Refund:** If you are being funded by your company and your company is eligible for HRDC refund, you have to request for an invoice before effecting payment. Please contact me (p.fowdur@uom.ac.mu) for further clarifications regarding HRDC refund or any other aspect concerning the course.

* **Receipt Submission:** After payment, email proof/receipt to p.fowdur@uom.ac.mu