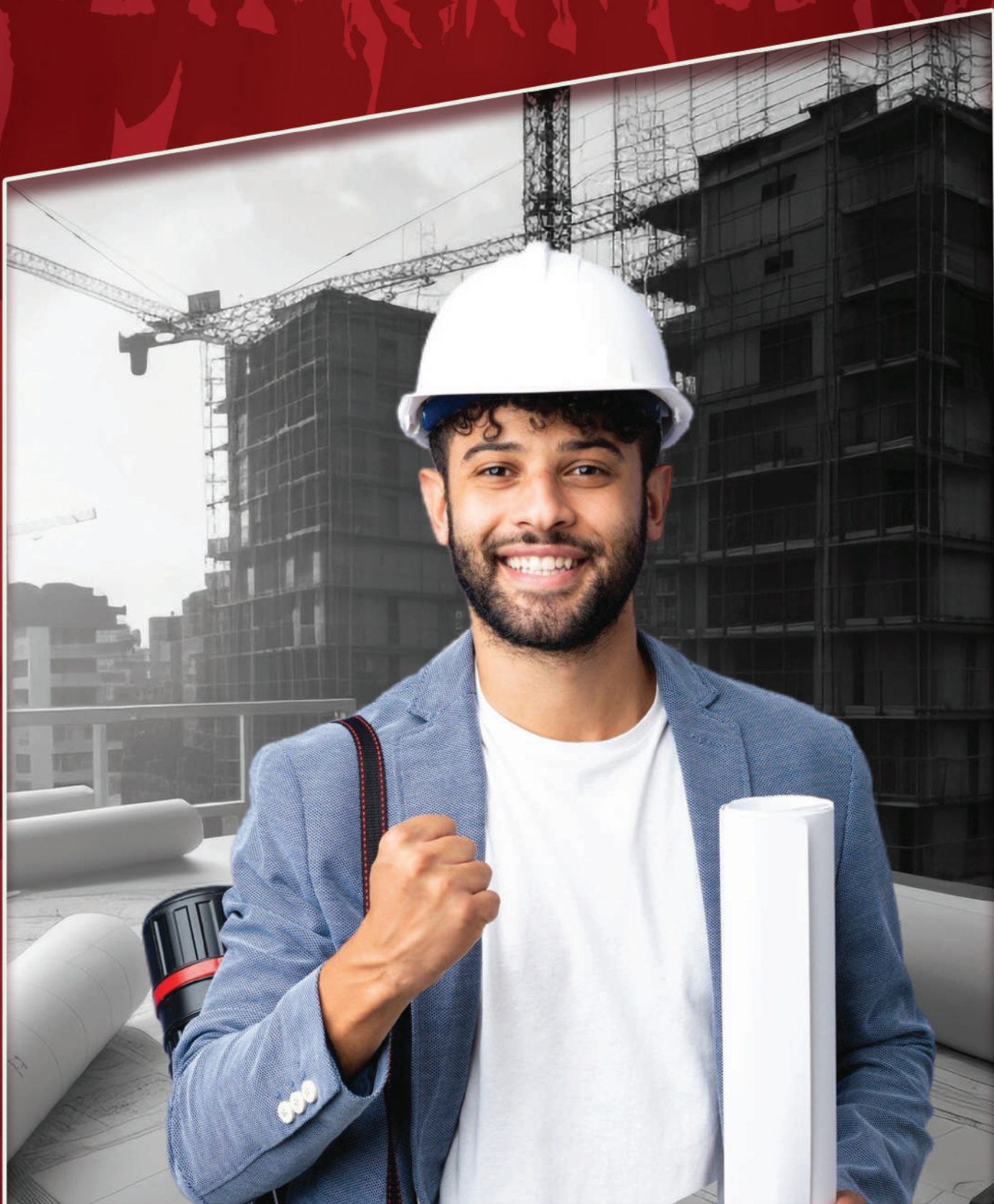




NUMBER
1 ONE
CAMPUS
FOR QUANTITY SURVEYING
IN SRI LANKA

SCHOOL OF ENGINEERING



**AFTER
A/L**

**HND
PROGRAM**

**BEng
/ BSc
PROGRAM**

MSc

About SCOT Campus

Founded in 2003, SCOT Campus is renowned for its quality assurance, endorsed teaching excellence, and positive learning environment. Affiliated with De Montfort University, Leicester and Pearson, SCOT Campus has an alumni of over 15,000 students and offers a wide range of courses in the fields of Business Management, IT, and Engineering. SCOT assures quality and resilience through world-recognised qualifications, up-to-date facilities, and immersive learning experiences.



Through our partnership with De Montfort University (DMU) of Leicester, students get access to globally recognised, industry-ready degree programs. As the only QS (Quacquarelli Symonds) 5-Star rated university in Sri Lanka, DMU programmes meet international standards, so students are reassured that they're a part of a top-quality educational course.



With Pearson as our partner, we guarantee high quality educational materials and assessments. This affiliation ensures that our curriculum meets the latest educational standards, providing students with a reputable and reliable qualification.

Head - School of Engineering



Mr. Shanaka Ranasinghe

Department of Civil Engineering and Construction

Head of Department



Mr. Nimantha Wijesinghe

Department of Electrical & Electronics Engineering

Head of Department



Mr. Duminda Wijesinghe

Department of Mechanical Engineering

Head of Department



Mr. Malith Ravindran

PEARSON BTEC INTERNATIONAL LEVEL 3 DIPLOMA IN CONSTRUCTION AND THE BUILT ENVIRONMENT

The Pearson BTEC International Level 3 Diploma in Construction and the Built Environment is a one-year, career-focused qualification tailored for students aspiring to join the dynamic construction and built environment sector. This programme delivers in-depth specialist knowledge, hands-on practical skills, and a strong understanding of the industry, empowering learners to take confident steps toward rewarding careers.

After completing this programme, students will be well-prepared to progress to higher education pathways such as the BSc (Hons) in Quantity Surveying or the BEng (Hons) in Civil Engineering.

Modules

- Construction Technology
- Construction Design
- Construction Science
- Safe Working Practice
- Management of Commercial Risk
- Construction Mathematics
- Sustainability in Construction
- Management of a Construction Project
- Measurement Techniques in Construction
- Further Mathematics in Construction
- Projects in Construction
- Offsite and Onsite Construction Methods

HIGHER NATIONAL DIPLOMA/BSc (Hons) QUANTITY SURVEYING

This 3-year degree pathway in Quantity Surveying prepares students for careers in the construction and built environment sectors. The first two years follow the Pearson HND in Quantity Surveying, providing a solid foundation in cost management, contracts, and construction technology.

In the final year, students progress to the BSc (Hons) in Quantity Surveying awarded by De Montfort University, UK. The programme is designed to develop the knowledge, practical skills, and professional competencies needed to become chartered surveyors or builders. A strong focus on employability ensures graduates gain the management, communication, and technical skills valued by the industry.

YEAR 1

- Construction Design Project (Pearson-set)
- Construction Technology
- The Construction Environment
- Digital Applications for Construction Information
- Measurement & Estimating
- Tender and Procurement
- Quantity Surveying Practice
- Law & Legal Frameworks in Quantity Surveying

YEAR 2

- Group Project (Pearson-set)
- Contracts & Management
- Project Management
- Sustainable Methods of Construction
- Value Engineering & Cost Control
- Advanced Quantities for Complex Building Projects
- Personal Professional Development
- Advanced Quantity Surveying Practice



YEAR 3

- Contract, Law & Procurement
- Quantity Surveying Practice
- Integrated Project
- Dissertation



HIGHER NATIONAL DIPLOMA/BEng (Hons)

CIVIL ENGINEERING

This 3-year degree programme is designed with a strong emphasis on Civil Engineering, in alignment with the UK framework for higher education qualifications and the recommendations of relevant professional bodies. The first two years of the programme are aligned with the Pearson HND in Civil Engineering, offering students a solid foundation in core civil engineering principles.

In the final year (Year 3), students will progress to the concluding stage of the BEng (Hons) in Civil Engineering degree awarded by De Montfort University, UK. Upon recognition of prior learning and successful completion of the programme, students will be eligible to earn a 360-credit transcript and graduate with a prestigious and internationally recognised UK qualification.

YEAR 1

- Construction Design Project (Pearson-set)
- Science and Materials
- Mathematics for Construction
- Surveying, Measuring & Setting Out
- Civil Engineering Technology
- Geotechnics and Soil Mechanics
- Principles of Structural Design
- The Construction Environment

YEAR 2

- Group Project (Pearson-set)
- Hydraulics
- Construction Technology for Complex Building Projects
- Sustainable Methods of Construction
- Further Mathematics for Construction
- Personal Professional Development
- Advanced Structural Design
- Highway Engineering



YEAR 3

- Advanced Structural Engineering and Foundation Design
- Transportation and Highway Engineering
- Hydraulics and Environmental Engineering
- Individual Project



PEARSON BTEC INTERNATIONAL LEVEL 3 DIPLOMA IN ENGINEERING

The Pearson BTEC International Level 3 Diploma in Engineering is a one-year programme designed for learners who are passionate about technology and innovation and who aspire to build a successful career in the engineering sector. This qualification serves as a strong foundation, whether your goal is to enter the workforce directly or to progress into higher education before pursuing specialised roles.

After completing this programme, students will be well-prepared to progress to higher education pathways such as the BEng (Hons) in Mechatronics, Mechanical and electronic and electrical engineering.

Modules

- Mechanical Principles
- Delivery of Engineering Processes Safety as a Team
- Product Design and Manufacture in Engineering
- Electrical and Electronic Principles
- Further Engineering Mathematics
- Pneumatic and Hydraulic Systems
- Electronic Devices and Circuits
- Electronic Printed Circuit Board Design and Manufacture
- Maintenance of Mechanical Systems

HIGHER NATIONAL DIPLOMA/BEng (Hons) ELECTRICAL AND ELECTRONIC ENGINEERING

This 3-year degree pathway is designed with a strong focus on Electrical and Electronic Engineering, addressing evolving industry trends and workforce demands. The first two years of the programme are aligned with the Pearson HND in Electrical and Electronic Engineering, offering a solid foundation in electrical principles, systems, and applications.

In the final year (Year 3), students progress to the concluding stage of the BEng (Hons) in Electrical and Electronic Engineering degree awarded by De Montfort University, UK. A standout feature of the programme is the Electrical Systems and Installation module, which provides in-depth knowledge on the design, installation, and maintenance of medium and low-voltage electrical systems. Covering applications across commercial and industrial buildings, factories, and built environments, this module equips graduates with practical expertise and industry-relevant skills essential for a successful engineering career.

YEAR 1

- Engineering Design
- Engineering Science I
- Managing a Professional Engineering Project
- Electrical and Electronic Principles
- Electronic Circuits and Devices
- Programming for Engineers
- Engineering Mathematics
- Digital Principles

YEAR 2

- Engineering Project
- Professional Engineering Management
- Further Engineering Mathematics
- Further Programmable Logic Controllers (PLCs)
- Industrial Power, Electronics and Storage
- Further Electrical Machines and Drives
- Embedded Systems
- Analogue Electronic Systems



YEAR 3

- Advanced Digital Design
- Individual Project
- Fundamentals of Power Electronics
- Mobile Communication I
- Electrical Transmission & Distribution I

Elective Modules (select one)

- Mobile Communication II
- Electrical Transmission and Distribution II



HIGHER NATIONAL DIPLOMA/BEng (Hons) MECHANICAL ENGINEERING

This 3-year degree programme is thoughtfully designed with a strong focus on Manufacturing, Production Engineering, and related Technologies. The first two years of the programme are aligned with the Pearson HND in Mechanical Engineering, providing a solid foundation in core engineering principles. In the final year (Year 3), students will progress to the final stage of the BEng (Hons) in Mechanical Engineering degree awarded by De Montfort University, UK, ensuring they graduate with a prestigious and internationally recognised qualification.

YEAR 1

- Engineering Design
- Engineering Mathematics
- Engineering Science I
- Managing a Professional Engineering Project
- Mechanical Principles
- Fundamentals of Thermodynamics & Heat Transfer
- Instrumentation and Control Systems
- Computer-Aided Design (CAD) for Engineering

YEAR 2

- Professional Engineering Management
- Advanced Mechanical Principles
- Computational Modelling in Virtual Engineering
- Further Engineering Mathematics
- Manufacturing Systems Engineering
- Further Control Systems Engineering
- Thermofluids
- Engineering Project



YEAR 3

- Individual Project
- Power and Energy Systems
- Finite Element Method
- Machines and Mechanisms
- Control
- Industrial Internet of Things
- Design for 3D Printing



HIGHER NATIONAL DIPLOMA/BEng (Hons) MECHATRONIC ENGINEERING

This 3-year degree programme is designed with a strong focus on Mechatronic Engineering and emerging global technologies. The first two years of the programme are aligned with the Pearson HND in Mechatronic Engineering, providing a solid foundation in core engineering principles.

In the final year (Year 3), students will progress to the final stage of the BEng (Hons) in Mechatronic Engineering degree awarded by De Montfort University, UK, ensuring they graduate with a prestigious and internationally recognised qualification. This industry-focused and academically rigorous programme equips students for both immediate career opportunities and further postgraduate study.

YEAR 1

- Engineering Mathematics
- Engineering Science I
- Engineering Design
- Managing a Professional Engineering Project
- Mechatronics
- Mechanical Principles
- Computer-Aided Design (CAD) for Engineering

YEAR 2

- Professional Engineering Management
- Engineering Project
- Further Engineering Mathematics
- Further Programmable Logic Controllers (PLCs)
- Further Electrical Machines and Drives
- Industrial Systems
- Embedded Systems
- Sensors and Automation



YEAR 3

- Individual Project
- Fundamentals of Power Electronics
- Robotics and Artificial Intelligence
- Machines and Mechanisms
- Model-Based System Integration
- Industrial Internet of Things
- Advanced Embedded Systems



MSc CONSTRUCTION PROJECT MANAGEMENT

The MSc in Construction Project Management, offered by DMU Leicester, UK, equips graduates and professionals with advanced skills in project planning, sustainable construction, legal frameworks, BIM, and lean principles. With hands-on training in tools such as Primavera P6 and MS Project, and insights into dispute resolution, environmental policy, and digital construction, the programme prepares students to tackle real-world challenges and excel in leadership roles across construction, consultancy, and infrastructure development, while also supporting progression towards academic research and professional chartered status.

Modules

- Project Management Theory and Practice with Advanced Planning
- Sustainable Construction and Lean Application
- BIM Theory and Practice
- Construction Law and Dispute Resolution
- Dissertation





Electronics and Robotics have always been my passion, which led me to turn my hobby into a career. I chose SCOT's DMU program because of the strong academic partnership with De Montfort University and the excellent faculty. I highly recommend SCOT to anyone looking to pursue their dreams.

I've always aspired to be an Engineer. During my search for the ideal institution, I discovered SCOT Campus through their partnership with De Montfort University. This collaboration provided me with the knowledge and practical skills necessary to excel in diverse Engineering projects. Thanks to the comprehensive education at SCOT, my childhood dream of becoming an Engineer is now a reality. I have no doubt that with the support of SCOT Campus anyone can achieve their Engineering ambitions.



Enrolling at SCOT Campus laid the foundation for my success. The comprehensive education I received not only deepened my academic knowledge but also provided clear guidance for my career path. The support from SCOT has been instrumental in reaching my current position, and am grateful for the opportunities and direction it offered.

"Completing my degree in Quantity Surveying and Construction from De Montfort University, Leicester, has been a transformative experience that significantly shaped my career. The program provided me with a solid foundation in the core aspects of quantity surveying, including cost management, contract law, contract administration, and sustainability. This knowledge has been instrumental in my professional growth, particularly in helping me achieve my MRICS (Member of the Royal Institution of Chartered Surveyors). Thanks to the SCOT Campus, Nugegoda, I've been able to advance in my career and unlock numerous opportunities in the construction and surveying industries."



Entry Requirements

Pearson BTEC International Level 3 Diploma Programmes

- G.C.E. Ordinary Level – 5 passes with 3 Credit passes (Including passes for Mathematics and English)
- Or any other equivalent qualification

Pearson BTEC HND / 02 Year Degree Programmes

Preferably three passes in one sitting at one of the following examinations or equivalent foreign qualifications in Mathematics stream.

- G.C.E. A/L in Math or Technology Stream
- Edexcel / Cambridge A/L with Maths & Physics Subjects.
- Foundation in Engineering (SCOT Campus) or,
- Any other Equivalent Qualification

Final Year (top-up) Degree Programmes

Students who possess Pearson BTEC HND or equivalent qualifications such as NDT (ITUM), HNDE (SLIATE), NDES (IET), City & Guilds Advanced Diploma, Auston Higher Diploma, DipTech (OUSL), HNDE (University College), ICBT HND, NVQ 5/6 Advanced Diploma, Engineering Graduate Diploma (IESL CoE), or Diploma in Marine Electrical Engineering (CINEC) in the relevant subject area are eligible for advanced entry.

MSc in CPM

- Applicants should have the equivalent or above of a 2:2 UK bachelor's honours degree in a relevant subject, such as construction management, construction project management, quantity surveying, building surveying or civil engineering
- Equivalent international qualifications

why choose SCOT?



Trusted
Affiliations



Flexible
Payments



Shortest
Pathway



WES
Recognition



Best
Lecture Panel



Industry
Focused



Globally
Recognised



UGC
Recognition

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