

Empowering
Minds,
Shaping
Future



BSc in AUTOCAD AND MEP

2026

Course code
FENGBSCACM26201



TT METRO CAMPUS

No 11 A1, Galle Road, Mount Lavinia, Sri Lanka



011 4319 996 | 077 2270 348



www.techlinktechnology.com | ttmetrocampus.com

BSc in AUTOCAD AND MEP

PROGRAMME MODULES

Semester 1

- Fundamentals of Engineering Drawing.
- Introduction to AutoCAD.
- Basic Mathematics for Engineers.
- Computer Applications & Drafting Tools.

Semester 2

- Advanced AutoCAD (2D Drafting).
- Engineering Drawing & Standards.
- Electrical Systems - Basics.
- Mechanical Systems - Basics.

Semester 3

- AutoCAD 3D Modeling.
- Plumbing & Drainage Systems.
- HVAC Systems - Fundamentals.
- Building Construction Technology.

Semester 4

- Electrical Design & Layouts (MEP).
- HVAC Design & Load Calculations.
- Fire Fighting Systems Design.
- Building Services Coordination.
- Advanced BIM for MEP (Revit / Navisworks).

Semester 5

- MEP Quantity Take-Off & Estimation.
- MEP Project Planning & Management.
- BIM Concepts (Revit for MEP - Basics).

Semester 6

- Health, Safety & Environment (HSE).
- Sustainable & Green Building Services.
- Professional Practice & Ethics.
- Final project / Internship.

ABOUT

DURATION	: 3 YEARS
AWARDING BODY	: UGC RECOGNIZED UNIVERSITIES
EVALUATION METHOD:	ASSESSMENT BASED
MODE OF LECTURES	: ONLINE ONSITE

FEE STRUCTURE

PROGRAMME FEE	: RS.400000
INITIAL PAY	: RS.20 000
MONTHLY	: RS.16 700 X 24

ENTRY REQUIREMENTS

A/L pass
with
minimum
3'S

OR

completed
HND in
relevant
program]

OR

students
those who
are willing
to follow

RECOGNITION

UGC RECOGNIZED
GLOBALLY RECOGNIZED
FOREIGN MINISTRY APPROVED
EMBASSY ATTESTATION
WES APPROVED
UK NARIC APPROVED

OUR PARTNERS

EXCLUSIVE COUNTRY PARTNER



REGULATED AWARDING BODIES



ACCREDITED UNIVERSITIES



RANKINGS & RECOGNITIONS



TRAINING PARTNERS

DISTRICT OFFICES

Batticaloa

19, Sarvana Road,
Kallady,
Batticaloa
077 4929121
www.techlinktechnology.com

Ampara

255, Ampara Road,
Sammanthurai.
071 0102093
www.techlinktechnology.com

Trincomalee

58, Aazath Nagar, Kiliveddy
Muthur, Trincomalee
075 5433112
www.techlinktechnology.com

Nuwara Eliya

Dessford Estate,
Loarn Division,
Nanuoya
076 0700276
www.techlinktechnology.com

RECOGNIZATION BY



NQUAL



RECOGNIZATION BY



NQUAL

ONLY VALID

nqual.

PROUDLY CELEBRATES THAT

[REDACTED]

HAS SUCCESSFULLY COMPLETED THE NQUAL ENDORSED PROGRAMME

Endorsed Higher National Diploma in Quantity Surveying

Awarded On: 12/05
 Certificate Number: [REDACTED]
 Candidate ID: [REDACTED]
 Approved Centre: E [REDACTED]

Verified as a true copy of the original

[Signature]
 R. Dominic Hudson
 Country Exams Director,
 British Council
 Date: 17.06.2025

[Signature]
 Andrew Robertson
 Group Director Signature

www.nqual.co.uk admin@nqual.co.uk

Democratic Socialist Republic of Sri Lanka

This receipt is only to provide reference details of the Attested Documents. This reference details should be used to access the Electronic Document Attestation System for verification purposes by the End User Verification Authorities.

For Secretary, Ministry of Foreign Affairs, Colombo, Sri Lanka.
 Attested by: 213 Dated 23/06/2025
 The validity period of the Attested Document expires after ONE year

Attestation Reference 3176716	The Ministry of Foreign Affairs of Sri Lanka takes the responsibility for the authenticity of the Attested Documents only if they are verified by accessing www.consular.mfa.gov.lk/INSTITUTION/ and entering Attestation Reference Number.	
Professional / Chartered and Higher Education Certificates	BRITISH COUNCIL	DIPLOMA

ONLY VALID

nqual.

UNIT TRANSCRIPT

NQual Endorsed Programme – Endorsed Higher National Diploma in Quantity Surveying

Is Awarded To: [REDACTED]

Having Successfully Completed The Following Units:

Unit Number	Unit Title	Results
1	Fundamentals of Construction Technology	Pass
2	Construction Materials & Methods	Pass
3	Introduction to Measurement & ESTIMATION	Pass
4	Contract Administration & Procurement	Pass
5	Cost Planning & Control	Pass
6	Professional Practice & Communication	Pass
7	Advanced Construction Technology & Processes	Pass
8	Advanced Measurement & Cost Management	Pass
9	Construction Law & Dispute Resolution	Pass
10	Estimating & Tendering Techniques	Pass
11	Project Management & Resource Planning	Pass
12	Research Project - Quantity Surveying	Pass

Total Credits: 240 THROUGH e - DAS Candidate ID: [REDACTED]

Programme Start [REDACTED]

Programme Cost [REDACTED]

Awarded On: 12

Verified as a true copy of the original

[Signature]
 R. Dominic Hudson
 Country Exams Director,
 British Council
 Date: 17.06.2025

[Signature]
 Andrew Robertson
 Group Director Signature

www.nqual.co.uk admin@nqual.co.uk

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For Secretary, Ministry of Foreign Affairs, Colombo, Sri Lanka.
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MAHATMA GANDHI KASHI VIDYAPITH





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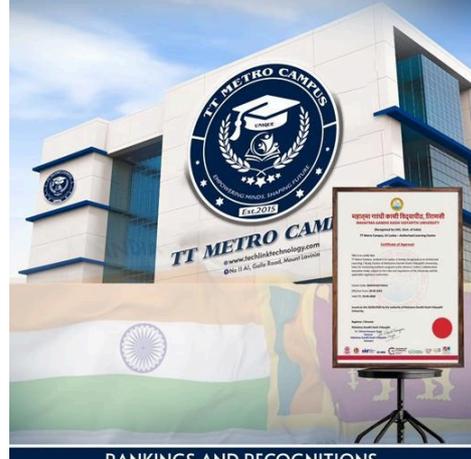
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This Certifies that

Has successfully met the requirements for and was awarded an
INTERNATIONAL HIGHER DIPLOMA (EXTENDED LEVEL 5) in
Information Technology
20th Of September 2024.

Certificate Number:

Jabirte
Programme Coordinator

Victor
President

Approved Centre For:

CPD
Corporate Member
The CPD Certification Service

UKRLP UK Register of Learning Providers
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THIS IS A NON CREDIT BEARING PROGRAMME.

MOFA

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SCHOOL OF BUSINESS AND MANAGEMENT UK

This Certifies that **ONLY VALID**

Has successfully met the requirements for and was awarded an
INTERNATIONAL HIGHER DIPLOMA (EXTENDED LEVEL 5) in
Information Technology
20th Of September 2024.

FOR VERIFICATION

Certificate Number:

THROUGH e-DAS

Jabirte
Programme Coordinator

Victor
President

Approved Centre For:

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Corporate Member
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Democratic Socialist Republic of Sri Lanka	
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 Attestation Reference 3020365	The Ministry of Foreign Affairs of Sri Lanka takes the responsibility for the authenticity of the Attested Documents only if they are verified by accessing www.consular.mfa.gov.lk/INSTITUTION/ and entering Attestation Reference Number.
Professional / Chartered Certificates Foreign	HIGH COMMISSION OF SRI LANKA IN LONDON UNITED KINGDOM
	DIPLOMA

RECOGNIZATION BY



UGC


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UNIVERSITY GRANTS COMMISSION

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ලිපිනය } 20, වර්ධ ප්‍රදේශ, කොළඹ 07, ශ්‍රී ලංකාව }
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 Address } 20, Ward Place, Colombo 07, Sri Lanka. }

25th June 2025

MAHATMA GANDHI KASHI UNIVERSITY [MAHATMA GANDHI KASHI VIDYAPEETH (MGKV)] – INDIA

This has reference to the request made by Ms. M N Fathima Rinza, Chief Executive Officer and Director of International Affairs with regard to the recognition of the Mahatma Gandhi Kashi University [Mahatma Gandhi Kashi Vidyapeeth (MGKV)], India.

Please note that the Public Administration Circular No. 16/92 dated 13th March 1992 has provision to recognize universities and Higher Educational Institutions in different Countries of the World.

Accordingly, in terms of the decision taken by the Commission at its 1106th meeting held on 27th July 2023 the University Grants Commission recognizes Universities that are listed in the following International Publication/Database which are authentic sources of information on Universities and Higher Educational Institutions in different Countries of the World.

1. Commonwealth Universities Yearbook
2. World Higher Education Database

University of Wolverhampton, Wulfruna Street, Wolverhampton, WV1 1LY, United Kingdom is a University listed in the World Higher Education Database published by the International Association of Universities as at 25th June 2025.

Therefore, as the Mahatma Gandhi Kashi University [Mahatma Gandhi Kashi Vidyapeeth (MGKV)], India is listed in the above Database, it is recognized.

This letter is issued at the request of Ms. M N Fathima Rinza, Chief Executive Officer and Director of International Affairs, Technik Technology Campus (PVT) LTD, No. 11 A/1, Galle Road, Mount Lavinia.


H.D. Rasika Karunaratna
 Deputy Secretary/ Academic Affairs
 for Secretary

H.D.R. Karunaratna
 Deputy Secretary / Academic Affairs
 University Grants Commission
 No. 20, Ward Place
 Colombo - 07.

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 දුරකථන } 2692337 }
 Telephone } }
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APPOSTILE (UK)

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1. Country: Pays / País:	United Kingdom of Great Britain and Northern Ireland	18 DEC 2024
This public document Le présent acte public / El presente documento público		
2. Has been signed by a été signé par ha sido firmado por	Gerard Philip Davis	
3. Acting in the capacity of agissant en qualité de quien actúa en calidad de	Solicitor	Leg 2024/570
4. Bears the seal / stamp of est revêtu du sceau / timbre de y está revestido del sello / timbre de	Not Applicable	I certify that without any attachment to its contents the signature of the duly authorized person is that of the duly authorized person for High Commissioner
Certified Attesté / Certificado		
5. at à / en	London	6. the le / el día
7. by par / por	His Majesty's Principal Secretary of State for Foreign, Commonwealth and Development Affairs	
8. Number sous no / bajo el numero	APO-UMZC-6NQD-5D7U-EDCN	
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PROGRAMME OUTCOME

This comprehensive Degree enables learners to gain strong academic and professional mastery in AutoCAD drafting and Mechanical, Electrical, and Plumbing (MEP) systems, preparing them for diverse roles in building design, construction services, facilities management, and the built environment industry.

- **Apply engineering, mathematical, and technical knowledge in AutoCAD drafting and MEP system design.**
- **Demonstrate strong skills in AutoCAD 2D and 3D drafting for architectural and MEP services.**
- **Interpret and prepare detailed MEP drawings, layouts, sections, and schedules.**
- **Design and coordinate mechanical, electrical, and plumbing systems for buildings.**
- **Apply electrical, HVAC, plumbing, drainage, and fire protection principles in MEP designs.**
- **Utilize BIM concepts and digital tools for MEP coordination and clash detection.**
- **Select appropriate materials, components, and equipment for MEP systems.**
- **Prepare quantity take-offs and basic cost estimates for MEP works.**
- **Apply building codes, standards, and regulations relevant to MEP systems.**
- **Implement health, safety, and environmental (HSE) practices in MEP design and site work.**
- **Coordinate MEP designs with architectural and structural drawings.**
- **Apply quality control and assurance procedures in drafting and MEP documentation.**
- **Use modern design software such as AutoCAD, Revit MEP, and related tools effectively.**
- **Communicate clearly through technical drawings, reports, and professional presentations.**
- **Work productively as an individual and as part of multidisciplinary design and construction teams.**
- **Identify, analyze, and solve practical MEP design and coordination problems.**
- **Apply ethical, legal, and professional responsibilities in drafting and MEP practices.**
- **Manage and organize MEP documentation and project workflows efficiently.**
- **Engage in independent learning and adapt to emerging drafting, BIM, and MEP technologies.**
- **Demonstrate innovation, leadership, and professional competence in the building services industry.**

This practical Degree ensures learners can confidently prepare and coordinate MEP drawings, develop detailed AutoCAD and BIM-based models, apply engineering principles in building services design, and communicate effectively through technical drawings, schedules, reports, and professional interactions within architectural, engineering, and construction environments.

PROGRAMME OVERVIEW

ENTRY REQUIREMENTS

A/L pass with minimum 3'S
completed HND in relevant program]
Students those who are willing to follow this

COURSE DURATION

3 years

CLASS TIME

Weekly 3 or 4 Classes
(Flexible Time)

MEDIUM

English | Tamil

MODE

Online | On-site

AVAILABILITY OF CLASS RECORDINGS

Yes

STUDY MATERIALS & LECTURE NOTE

Upon enrolment, each student will receive a dedicated username and password to access the Learning Management System (LMS)

QUALIFICATION STRUCTURE

This qualification is structured to meet aligned with internationally recognised curriculum standards. The content is carefully designed to ensure academic depth, practical relevance, and progressive skill development across key thematic areas.

INSTALLMENT STRUCTURE

DETAILS	REGULAR PAY	SINGLE PAY	REMARK
REGISTRATION FEE		LKR. 20 000	-
COURSE FEE	LKR. 400 000	-	-
E-CERTIFICATE		FREE	-
PRINTED CERTIFICATE		FREE	Students may collect their certificates / documents in person from the campus. Alternatively , a courier deliver option is available upon request. In such cases, the students will be responsible for the courier charges payable at the time of dispatch.
PRINTED TRANSCRIPT		FREE	
INTERNATIONAL DIPLOMA CERTIFICATE FEE		FREE	Upon successful completion of the course, you will be eligible to apply for the Masters. Please note that this is optional and subject to additional terms and conditions
CONVOCATION FEE	The convocation fee applies only to students who wish to participate in the ceremony. It will be waived for non-participants. The fee may vary based on venue and timing, but will follow the standard market rate.		

BANK DETAILS



Bank of Ceylon

- Account Name: Techlink Technology Campus (PVT) LTD
- Account Number: 94929233
- Bank Name: Bank of Ceylon(BOC)
- Branch: Kalmunai Branch

Please email / DM the bank slip to the following email address OR Whatsapp Number
co.techlink@gmailcom | 077 2270348



 www.techlinktechnology.com
www.ttmetrocampus.com

 011 431 9996 | 077 227 0348

 No 11, A1, Galle Road, Mount Lavinia

MORE ABOUT TT METRO CAMPUS



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