



**Faculty of Technology**  
**Wayamba University of Sri Lanka, Kuliyaipitiya**

# **Higher Diploma in Construction Productivity Management - 2023/24**

## **Instructions for the Applicants**

(Application Closing Date: 6<sup>th</sup> October 2023)

### **Introduction & Significance of this Diploma Programme**

Due to the essential need of the skills development training programmes for the industry practitioners, this Higher Diploma programme has been designed for the construction supervisors / technical officers / Engineering Assistants who directly apply the practices on construction operations. The programme clearly specifies the competencies, knowledge and attitudes required by the construction industry for improving the efficiency, quality, performance and productivity of the workforce.

The HDCPM programme is expected to make an effective contribution for the economic and social development of the country through making provision for a nationally consistent, technical and vocational education and training. It includes effective and innovative practices for the productivity improvement in the industry through proactive education and training strategies. The outcomes of this Higher Diploma programme are expected to be highly contributing to the construction industry sector for upgrading their current practices with the direct concept of productivity and performance improvement.

The HDCPM is willing to be an ideal programme for the Sri Lankan construction sector. The programme meets the industry needs and expectations, and includes effective and innovative practices for the productivity improvement in the industry through proactive education and training strategies. The curriculum of this Higher Diploma programme was systematically developed by the experts through an extensive investigation conducted in the Sri Lankan construction industry with the direct scope of improving the performance and productivity of the construction workforce. The HDCPM includes outcome-based teaching, learning and assessments with relevant quality assurance practices. The academic activities of this programme will be delivered by the university lecturers and qualified engineering experts from the industry. The significance of this academic programme is the inclusion of independent project studies on performance and productivity improvement practices through the applications of work-based training components within a systematic framework.

## Other Details

Abbreviation	HDip (Constr Prod Manag)
Target Group	Construction supervisory level workers / Construction technical officers / Assistant Engineers / Industry practitioners in the construction field
Level of Qualification	Sri Lanka Qualification Framework (SLQF) Level 4 which is equivalent to the National Qualification Framework (NVQ) Level 6
Duration	One year (consisted of two semesters) - Weekends
Programme Outcomes	<p>After successfully completing the training programme, the participants should be able to;</p> <ul style="list-style-type: none"> <li>• Achieve a satisfactory level of proficiency in the English language essential for performing the business related needs of the industry matters</li> <li>• Use the mathematical functions for organizing and structuring the methods in the design and technological matters</li> <li>• Use the statistical functions for organizing and structuring the methods in the design and technological matters</li> <li>• Use the financial instruments and accounting techniques across the construction management of business and entrepreneurial practices</li> <li>• Use ICT tools and applications in various construction tasks for improving the productivity and performance operations</li> <li>• Perform the tasks including site selection, site layout planning, architectural designs and drawing material selection within the scope of improving productivity and quality of outputs in the construction</li> <li>• Perform the water and sanitary engineering related works considering the demands and challenges of water scarcity, flood risks and environmental pollution</li> <li>• Use the principles of agricultural science and landscape designs in the irrigation works towards rural development</li> <li>• Analyse the structural elements using the structural theories and design concepts</li> <li>• Use geotechnical theories for improving the quality and performance of construction operations</li> <li>• Use the design procedures and maintenance techniques for the sustainable transportation system</li> <li>• Perform the reinforcement practices on the labour training exercises considering the project completion performance of trainers, training contents, delivery methods, feedback of organizational management actions towards the construction productivity and performance improvement</li> </ul>
Course Outline	<ul style="list-style-type: none"> <li>• HDCPM 312: Business English for Construction Technologists</li> <li>• HDCPM 323: Mathematical Modelling for Technology</li> <li>• HDCPM 332: Construction Accounting, Finance and Entrepreneurship</li> <li>• HDCPM 343: Design and Technologies in Building Construction</li> <li>• HDCPM 353: Water Resources and Environmental Management</li> <li>• HDCPM 362: Fundamental Landscaping and Irrigation Technologies</li> <li>• HDCPM 412: ICT Tools for Construction Productivity Enhancement</li> <li>• HDCPM 423: Statistics for Technology</li> <li>• HDCPM 433: Structural Analysis and Design Concepts</li> <li>• HDCPM 442: Geotechnical Concepts in Construction</li> <li>• HDCPM 452: Transportation &amp; Highway Maintenance for Technologists</li> <li>• HDCPM 463: Project Study on Performance and Productivity Enhancement</li> </ul>
Course Delivery Methods	Lectures, Tutorial Classes, Practical Classes, Design Classes, Interactive Learning Sessions, Field Visits, Project-based Assignments (Necessary online facilities will also be used during the course delivery in possible ways.)
Assessments	<p><u>Continuous Assessment / In-Class Tests:</u> Tutorials, Quizzes, Practical/ Design/ Project-based assignments, Presentations, Project Reports</p> <p><u>Semester End Examination:</u> Question paper based on classroom teaching</p>

Medium	English (Sinhala/Tamil will be used when required)
Lecture Panel	University Lecturers and Qualified Engineering Experts from the Industry
Venue	Faculty of Technology, Wayamba University of Sri Lanka – Kuliypitiya Premises
Google Map: <a href="https://www.google.com/maps/place/Faculty+of+Technology/@7.4645435,80.0194399,17z/data=!3m1!4b1!4m5!3m4!1s0x3ae2d9ae9a1278a3:0xa2c52398a6603943!8m2!3d7.4645435!4d80.0216286">https://www.google.com/maps/place/Faculty+of+Technology/@7.4645435,80.0194399,17z/data=!3m1!4b1!4m5!3m4!1s0x3ae2d9ae9a1278a3:0xa2c52398a6603943!8m2!3d7.4645435!4d80.0216286</a>	
Course Fee	Rs. 120,000.00 * The total payment can be paid in two instalments. First Instalment: Rs. 75,000.00 (at the course registration / course commencement) + Second Instalment: Rs. 45,000 (after 3 months from the course commencement)

## Entry Qualifications

Successful completion of 'Diploma in Construction Labour Productivity and Performance Management (DCLPPM)' programme of the Faculty of Technology, Wayamba University of Sri Lanka

or

Equivalent Diploma qualifications (SLQF Level 3 / NVQ Level 5) from a recognized institution

## Application Documents

Attach the following documents with the duly filled application.

- **Copy of the NIC**
- **Photocopy of the birth certificate**
- **An updated curriculum vitae (CV)**
- **Photocopies of the relevant certificates/letters (Educational/Professional qualifications, work experience, Etc.)**

Note: If the results are pending of any educational qualification claimed in the application form, write a letter addressing to the director mentioning that the relevant examination results are pending and ready to submit soon after the relevant results are released.

- **Two recently taken photographs (Passport size)**
- **Two self-addressed stamped (worth Rs.45/-) 23cm x 10cm envelopes**
- **Duplicate of the Payment Slip of Rs. 500.00 application fee** (Applications without the bank payment receipt will not be accepted)

Application processing fee Rs. 500.00 should be deposited to the below mentioned bank account at any branch of Peoples Bank.

**Account Name:** Wayamba University of Sri Lanka  
**Account no:** 88154489 (Current Account)  
**Bank:** Bank of Ceylon  
**Payment type/statement:** Application Fee of HDCPM Batch 1 - Bank

**Duly filled application form** with all relevant documents and the duplicate of the payment slip should be posted via registered post to

**Director - DCLPPM & HDCPM,  
Faculty of Technology,  
Wayamba University of Sri Lanka,  
Kuliyapitiya, 60200.**

Note: Please mention '**Application for HDCPM**' on the top left hand corner of the envelope.

(You are also advised to keep a photocopy of the application and the photocopy of the duplicate of the payment slip)

\*Duly filled application forms and attachments can be submitted through online with the relevant scanned copies (Send the email as a **single combined PDF file** to [dclppm@wyb.ac.lk](mailto:dclppm@wyb.ac.lk) with the title '**Application for HDCPM <<Your Name>>**').

Application closing date: **6<sup>th</sup> October 2023**

For more details, contact us.

About the application process:

Administrative Coordinator / Management Assistant (T.P: 0373138054 / 0373976657)

About course information and career advises, contact

Sinhala (0718154002 / 0761254992 / 0718269483 / 0763335182)

Tamil (0776728027 / 0773269184 / 0779610102 / 0772336318)