

DCLPPM

Enroll Now 2021/22 Batch

DIPLOMA IN CONSTRUCTION LABOUR PRODUCTIVITY AND PERFORMANCE MANAGEMENT

Target Group

**Construction Supervisors
/ Technical Officers**

**Weekend
Programme**

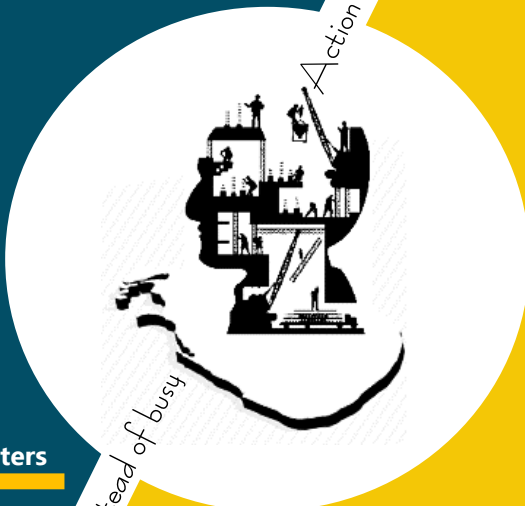
SLQF Level 3
Equivalent to
NVQ Level 5

**Duration
1 Year**

**Medium
English**
(Sinhala/Tamil will be used
when required)

**Application Closing Date
25th May 2021**

Applications can be downloaded from the University Website
www.wyb.ac.lk/dclppm/



**FACULTY OF TECHNOLOGY
WAYAMBA UNIVERSITY OF SRI LANKA**

Contact Us
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Introduction of the Programme

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

Implications of the Programme

The DCLPPM 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 diploma programme is expected to be highly contributing to the construction industry sector for upgrading their current practices with the direct concept of productivity and performance improvement.

Why is this diploma significance compared to other diploma programmes currently available in the Sri Lankan construction sector?

The DCLPPM is willing to be an ideal programme for the Sri Lankan construction sector. It meets the industry needs and expectation. The curriculum of this 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 DCLPPM 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 most significance of this diploma programme is the inclusion of labour training exercises in the Training of Trainers Project. This will enable the course followers to train labourers in the construction sites through demonstrations, guidelines and other relevant activities/tasks. Training of Trainers Project Guide Book will be delivered among the course followers at the beginning of the programme.

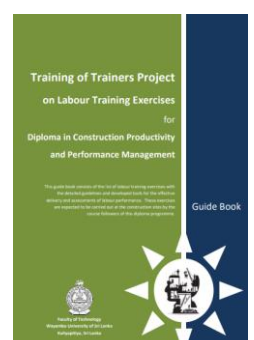
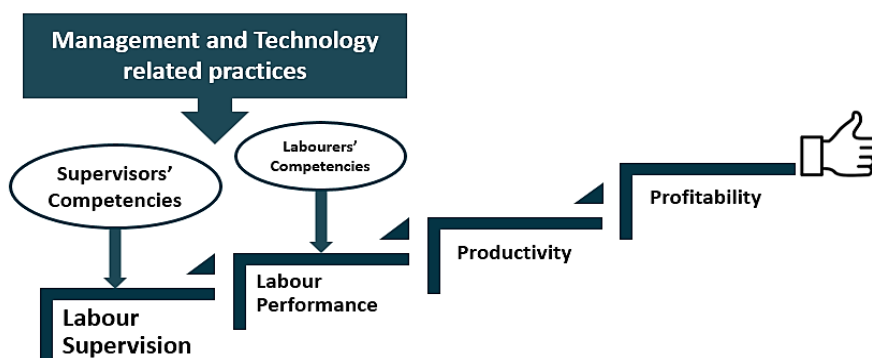
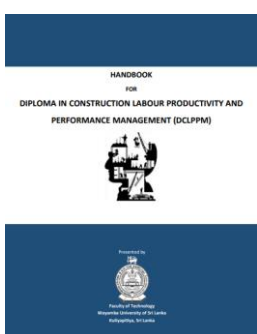
Benefits highlighted to the

Course followers

- SLQF 3 / NVQ 5 qualification certification completion within one year (part-time) and the clear path for future career development
- Opportunity to involve with modern technologies and innovative practices
- Labour training experience, recognition and certification
- Opportunity to become as NVQ Assessors
- Opportunity to receive 'Best Labour Trainer Award' and 'Labour Trainer Merit Awards'

Construction firms

- Systematic procedure for labour skills assessments and rewarding mechanisms at the construction sites
- Effective practices using a well-developed performance score system and worker grading scheme
- Productivity measurements and performance assessments practices
- Productivity improvement with the evidence and the way to profitability



Programme Outcomes

After successfully completing the training programme, the participants should be able to;

- Demonstrate the ability of monitoring usage, storage, delivery and operations of construction materials and equipment
- Demonstrate the ability of planning and managing the resources at the site effectively
- Apply effective supervision methods on the labour operations at the construction site
- Assist in developing budgets and estimates of the construction activities effectively
- Demonstrate the ability of overcoming health and environmental related challenges during the construction activities
- Implement the possible practices on improving labour performance in the construction projects
- Carryout self-learning on modern theories, advanced technologies and practices related to construction works
- Demonstrate brainstorming techniques to the labourers in construction
- Demonstrate competency-based training techniques for the labourers in construction
- Instruct basic theories and applications of the construction principles to the labourers in construction
- Provide experimental learning exercises to the labourers in construction
- Assess the performance of labourers in the construction field
- Implement the possible labour rewarding mechanisms in the construction sector
- Apply necessary mathematical applications to solve related problems in the construction activities
- Assist in conducting field investigations, surveys and tests required for feasibility studies of construction works
- Maintain the records of the construction tasks and help in preparing the reports effectively
- Demonstrate the ability of applying sustainable development and green practices on labour operations at the construction site
- Communicate with construction workers effectively with team working capabilities
- Analyse situations to face the challenges with positive thinking abilities
- Guide the labourers for their lifelong career development in construction sector

Course Outline

DCLPPM 112 - English Language Proficiency for Effective Communication in Construction

DCLPPM 122 - Mathematical Theories and Applications on Construction Labour Operations

DCLPPM 132 - Skills Development of Workers for Performance Improvement in Construction

DCLPPM 142 - Labour Management, Productivity Measurements and Performance Assessments in Construction

DCLPPM 153 - Application of Fundamental Theories of Science and Technology in Construction Labour Operations

DCLPPM 214 - Application of Fundamental Concepts of Engineering and Technology in Construction Labour Operations

DCLPPM 222 - Supervision Practices in Building Construction Works

DCLPPM 232 - Supervision Practices in Road, Highway, Bridge, Water Supply and Irrigation Works

DCLPPM 242 - Construction Material Usage and Technologies used in Labour Operations

DCLPPM 251 - Green Practices in Construction Labour Operations

DCLPPM 262 - Planning and Management Practices for Construction Supervision

DCLPPM †16 - Training of Trainers Project on Labour Training Exercises

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.)

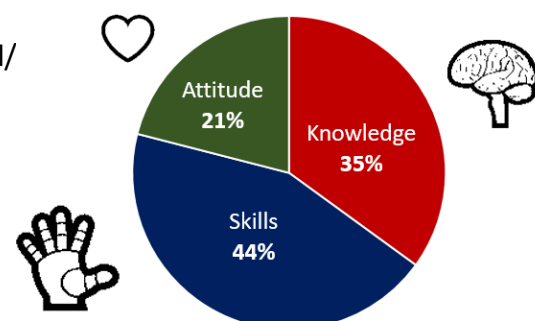
Assessments

Continuous Assessment / In-Class Tests: Tutorials, Quizzes, Practical/ Design/ Project-based assignments, Presentations, Project Reports

Semester End Examination: Question paper based on classroom teaching

Venue

Faculty of Technology, Wayamba University of Sri Lanka, Kuliypitiya.



Entry Qualifications

Passed the General Certificate of Education (Advanced Level) or an equivalent qualification in Physical Science / Engineering Technology / Biosystems Technology / Biological Science / Commerce / Arts stream

OR

Passed a foundation course equivalent to SLQF level 2 in after a minimum of 12 years of schooling followed by an aptitude test

OR

Passed a course equivalent to NVQF level 4 or accredited work experience or accredited prior learning followed by a cognitive bridging programme

OR

Any other qualification not listed above, but may be considered for the acceptance of the Board of Study of the DCLPPM and the Senate of WUSL

AND

Passed 'Mathematics' and 'English' in G.C.E (Ordinary Level) with minimum 'S' grade

AND

At least one year of work/training experience in the field of construction

Course Fee

Rs. 90,000.00

(The students have to pay Rs. 50,000.00 at the time of registration and the balance amount can be made by Rs. 20,000.00 each in two installments during the course.)



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For further information, contact us.

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Focus on being productive
instead of busy