

# Work-Study for Productivity Improvement in Manufacturing Organisations



## Background

Most manufacturing organisations have line balancing issues, manning issues and man-machine interaction issues. All these are directly causing lower productivity of the organisation. Work-study (method and time studies) scientifically analyses and helps resolve the above issues.

## Group Size

Max 20 participants

## Structure of the Workshop (4 hours)

- o Lecturer/interactive session on basics of work-study techniques,
- o Group work (15-30 minutes),
- o Experience sharing session on the soft drink manufacturing, Ice cream manufacturing, apparel industry, meat products manufacturing
- o Q & A session.

## Workshop Plan

Topic	Resource Person	Duration
Method Study	Dr. Himan Punchihewa	45 minutes
Work Design	Dr. Himan Punchihewa	45 minutes
Work Measurement	Dr. J.R. Gamage	1.5 hours
Practical Examples	Dr. J.R. Gamage and Dr. Himan Punchihewa	1 hour

## Target Audience

- o Products manufacturing organisations,
- o Start-ups who are to design workplaces,
- o Established manufacturing organisations who want to improve their performance,
- o Human resource personnel who requires scientific workload allocation and payment schemes,
- o Interested research students (PG/UG)

## Resource Persons

**Industrial Engineering Academic Group (IEAG)**

**Dr Himan Punchihewa**

Senior Lecturer,  
Department of Mechanical Engineering,  
University of Moratuwa, Sri Lanka

**Dr JR Gamage**

Senior Lecturer,  
Department of Mechanical Engineering,  
University of Moratuwa, Sri Lanka

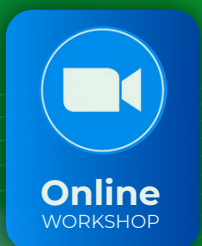
# WORKSHOP 4

7<sup>th</sup> International Multidisciplinary Engineering Research Conference

# 29<sup>th</sup>

July 2021

8.30 am -  
12.30 pm



Participation is  
**FREE**  
of charge !

Register @: <http://mercon.mrt.ac.lk/workshops.html>