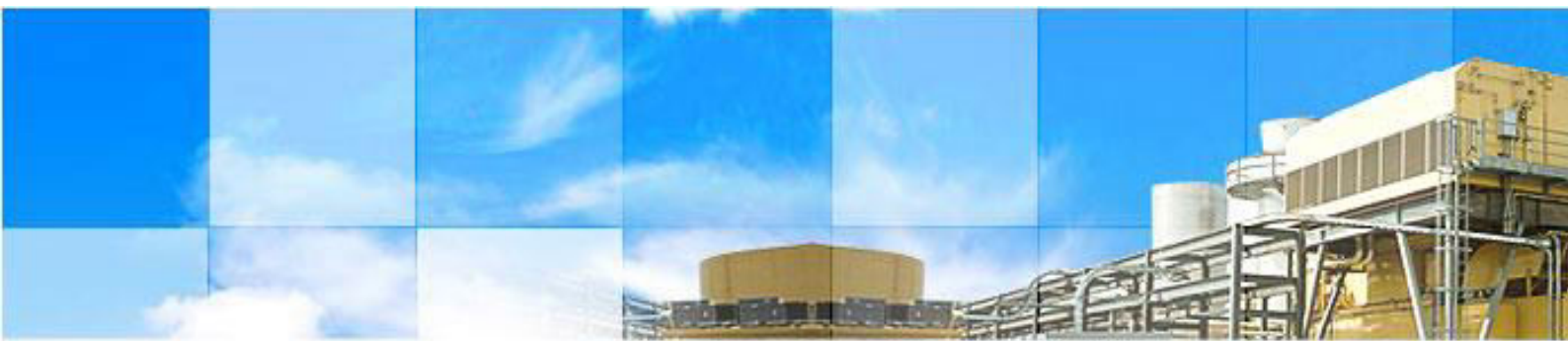




IN-HOUSE (*VIRTUAL*) TRAINING PROGRAMMES

(Virtual Training Programmes exclusively for a group of your company's maintenance engineers, managers, technical executives, etc. @ Google Meet)



INTRODUCTION

Maintenance management is the process associated with the direction and organization of the available resources regulated to control the availability and performance of plant and machinery at specified levels. Maintenance of plant equipment is required to optimize the performance of productive facilities of an organization by ensuring that these facilities function regularly and efficiently. This can be achieved by preventing the failures or breakdowns as far as possible and by minimizing the production loss due to failures. Plant equipment need to be kept in reliable condition without costly work stoppage and down time due to repairs, if the company is to remain productive and competitive.

Many companies, today, operate some of the most sophisticated technology, high capital cost equipment, all of which needs maintaining to exacting quality standards and to high end user availability. The potential cost of breakdown to critical systems and assets is becoming an increasing risk to facility and maintenance management. The sophistication and complexity of today's manufacturing equipment and controls has led to the recognition that installations require dedicated, professional maintenance management which should be focused on the strategic requirements of the company. It has led to a number of organizations reappraising objectives, methods

and working practices of maintenance in their plants. Maintenance staffs are required to do more with less while systems continue to grow in complexity.

It's imperative for maintenance engineers, technical executives & supervisors to aim for maximizing uptime and overall equipment effectiveness; minimize downtime and achieve zero breakdowns; arrest various abnormalities, resource wastage & economic losses; promote efficiency, productivity and control costs; adopt modern maintenance management practices, approaches & techniques; thrust upon plant safety and energy conservation programmes and so on – in fact the list is unending. It's therefore, maintenance personnel who keep carrying out some form of maintenance or the other, often so religiously, need to broaden their background with new dimensions in maintenance management which have been evolved in the recent years.

The importance of having a maintenance strategy, which enables to improve maintenance performance in a way that supports the overall economic goals of the company, cannot be over-emphasized.

IN-HOUSE (VIRTUAL) TRAINING PROGRAMMES OFFERED BY IMME

IMME conducts a number of In-house (*Virtual*) Training Programmes for maintenance engineers, managers, technical executives, maintenance supervisors, technicians, etc. of different companies. These programmes provide a great impetus to renewed thinking and facilitate participants how to go about various cost-effective improvements in their plants.

VIRTUAL TRAINING PLATFORM & METHODOLOGY

Virtual Training Programmes are offered with the support of 'Google Meet'. The methodology for conducting In-house (*Virtual*) Training Programmes is briefly described as below:

- Focused Presentation
- Interactive Discussions
- Case Studies and Practical Examples
- Question - Answer Sessions
- Group Discussion Exercises

SELECTING A SUITABLE IN-HOUSE (VIRTUAL) TRAINING PROGRAMME OFFERED BY IMME

Based on your requirements, you can select a suitable In-house (*Virtual*) Training Programme from the following list:

LIST OF IN-HOUSE (VIRTUAL) TRAINING PROGRAMMES II

Select one of the following In-house (*Virtual*) Training Programmes that you propose to organize for a group of your company's maintenance engineers, managers, technical executives, etc. *Please send this information to IMME to obtain a detailed proposal on your selected programme for your consideration.*

IN-HOUSE VIRTUAL TRAINING PROGRAMMES
<i>(For your maintenance engineers, managers, technical executives, etc.)</i>
<input type="checkbox"/> Effective Preventive, Predictive and Proactive Maintenance
<input type="checkbox"/> Root Cause Failure Analysis and Maintenance
<input type="checkbox"/> Cost Effective Maintenance
<input type="checkbox"/> Maintenance Technicians Development Programme <i>(For maintenance technicians & workers exclusively in Hindi, or in English)</i>
<input type="checkbox"/> Reliability Centred Maintenance
<input type="checkbox"/> Maintenance Problem-solving through Creative Techniques
<input type="checkbox"/> Improving Machine Reliability, Maintainability & Availability
<input type="checkbox"/> Effective Planned Maintenance & KPIs
<input type="checkbox"/> Best Maintenance Practices
<input type="checkbox"/> Maintenance Cost & Downtime Reduction
<input type="checkbox"/> Maintenance Management
<input type="checkbox"/> Out-of-the-box Thinking for Plant Engineers & Managers
<input type="checkbox"/> <i>Other Training Programmes & Courses</i>

CUSTOMIZATION OF THE PROGRAMME (*Optional*)

If you intend to customize your In-house (*Virtual*) Training Programme, you could select a few topics / issues that you would like to include in your programme from the following list:

<u>S.NO.</u>	<u>TOPICS / ISSUES FOR YOUR CUSTOMIZED IN-HOUSE (VIRTUAL) PROGRAMME</u>	
1.	Maintenance Cost Reduction	
2.	Maintenance Productivity Improvement	
3.	Effective Preventive Maintenance System	
4.	Condition-based Predictive Maintenance	
5.	Root Cause Failure Analysis	
6.	Effective Lubrication Programme	
7.	Maintenance KPIs	
8.	Productive Maintenance Methods	
9.	Maintenance Time Wastage Analysis	
10.	Plant Downtime Reduction	
11.	Planned Failure Analysis & Control	
12.	Autonomous Maintenance	
13.	Asset Life Cycle Cost	
14.	Reliability Centred Maintenance	
15.	Machine Reliability and Maintainability Improvement	

CORE COMPETENCE AND SPECIALIZATION OF OUR FACULTY

Highly experienced faculty of IMME thrive on core competence and specialization in designing and conducting top quality In-house (*Virtual*) Training Programmes, courses, seminars & workshops on different themes, modules and topics related to various aspects of maintenance management function.

DETAILED PROPOSAL

Select one of the In-house (*Virtual*) Training Programmes from the given list that you propose to organize for your maintenance engineers, managers, technical executives, etc. Please send this information to IMME to obtain a detailed proposal on your selected programme including programme introduction & coverage, programme schedule, cost, faculty details, etc. your consideration.

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EXCELLENCE IN TRAINING FOR OVER 30 YEARS

SOME OF OUR CLIENTS

Tens of thousand of maintenance engineers, managers, plant executives and other engineering personnel from various reputed companies in the corporate sector have participated in various Training Programmes, Courses, Workshops & Seminars conducted by IMME in a period of over 30 years.

The names of some of the companies for whom IMME has conducted In-house / Virtual Training Programmes are shown below:

<u>NAMES OF THE COMPANIES</u>	<u>TRAINING PROGRAMMES</u>
<ul style="list-style-type: none"> • Ambuja Cements Limited (Ropar Unit) 	- Plant Safety
<ul style="list-style-type: none"> • Asahi India Glass Ltd. 	<ul style="list-style-type: none"> - Operators Development Programme for Effective Maintenance (<i>For Plant Operators in Hindi</i>) - Machine Failure Analysis and Control - Maintenance Cost Control
<ul style="list-style-type: none"> • Asian Paints Limited 	<ul style="list-style-type: none"> - Maintenance Development Programme for Technicians -I - Maintenance Development Programme for Technicians –II
<ul style="list-style-type: none"> • Atul Limited 	- Maintenance for Zero Breakdowns
<ul style="list-style-type: none"> • Autometers Alliance Ltd. 	- Effective Maintenance
<ul style="list-style-type: none"> • Aqua Hydro Power Ltd. 	- Safety Awareness
<ul style="list-style-type: none"> • BTR Wadco Automotive Ltd. 	- Total Productive Maintenance
<ul style="list-style-type: none"> • Bajaj Auto Ltd. 	- Maintenance Problem-solving Through Creative Techniques
<ul style="list-style-type: none"> • Bajaj Dhatu Udyog 	- Planned Maintenance Systems and Procedures
<ul style="list-style-type: none"> • Ballarpur Industries Ltd. (Unit : Shree Gopal) 	<ul style="list-style-type: none"> - Total Productive Maintenance - Spares Inventory Control - Preventive and Predictive Maintenance - I - Preventive and Predictive Maintenance - II

• Bata India Ltd.	- Preventive and Predictive Maintenance
• Bharat Aluminium Co. Ltd.	- Improving Maintenance Cost-effectiveness - Planned Maintenance Systems and Procedures - Machine Failure Analysis and Control - Maintenance Problem-solving Through Creative Techniques - Condition-based Monitoring - Best Maintenance Practices & RCM
• Bharat Yantra Nigam Ltd.	- Maintenance Management
• Birla Cellulosic (A Unit of Grasim Industries Ltd.)	- Maintenance Technicians Development Programme – I & II <i>(For Maintenance Technicians in Hindi)</i> - Maintenance Technicians Development Programme - III <i>(For Maintenance Technicians in Hindi)</i> - Maintenance Technicians Development Programme - IV <i>(For Maintenance Technicians in Hindi)</i>
• Birla Tyres	- Cost-effective Maintenance
• Bundy India Ltd.	- Maintenance Management
• Burda Druck India Pvt. Ltd.	- Engineers Development Programme
• Cadbury India Ltd.	- Condition-based Maintenance
• Century Pulp and Paper	- Maintenance Improvement and Systems Building in Maintenance Management - Reliability-centred Maintenance
• Confederation of Indian Industry (CII) and Regional Engineering College (REC)	- National Workshop on “Innovations in Maintenance Techniques”
• DCM Engineering Products (A Divn. of DCM Limited)	- Machine Failure Analysis and Control
• DCM Management Development Centre	- Maintenance Problem-solving Through Creative Techniques - Condition-based Maintenance
• Deepak Fertilisers and Petrochemicals Corporation Ltd.	- Maintenance Planning, Scheduling and Control - Machine Reliability and Maintainability Improvement
• Digjam Limited (Formerly Birla VXL Limited)	- Total Productive Maintenance
• Durgapur Cement Works (Unit of Birla Corporation Ltd.)	- Maintenance Management
• Finolex Industries Ltd. (PVC Resin Division)	- Maintenance Workers Development Programme <i>(For Maintenance Technicians in Hindi)</i>
• GKN Driveline (India) Ltd. (Formerly GKN Driveshafts (India) Ltd.)	- Condition-based Maintenance

<ul style="list-style-type: none"> • Gammon India Limited 	<ul style="list-style-type: none"> - Planned Preventive and Predictive Maintenance Systems and Practices
<ul style="list-style-type: none"> • Gas Company (Tanzania) Ltd., Tanzania 	<ul style="list-style-type: none"> - Cost Effective Maintenance - Preventive, Predictive & Proactive Maintenance - Root Cause Failure Analysis & Maintenance - Improving Machine Reliability, Maintainability & Availability
<ul style="list-style-type: none"> • Gerdau Steel India Ltd. 	<ul style="list-style-type: none"> - Maintenance Cost and Downtime Control
<ul style="list-style-type: none"> • Gillette India Ltd. (Formerly Indian Shaving Products Ltd.) 	<ul style="list-style-type: none"> - Total Productive Maintenance - TPM Implementation
<ul style="list-style-type: none"> • Godrej Consumer Products Ltd. (Formerly Godrej Soaps Ltd.) 	<ul style="list-style-type: none"> - Maintenance Management
<ul style="list-style-type: none"> • Grasim Industries Limited (Unit: Harihar Polyfibres & Grasilene Division) 	<ul style="list-style-type: none"> - Maintenance Management
<ul style="list-style-type: none"> • Grasim Industries Ltd. (Renukoot Chemical Unit) (Formerly Kanoria Chemicals & Industries Ltd.) 	<ul style="list-style-type: none"> - Planned Maintenance Systems and Procedures
<ul style="list-style-type: none"> • Halonix Limited (Formerly Phoenix Lamps India Ltd.) 	<ul style="list-style-type: none"> - Maintenance Management
<ul style="list-style-type: none"> • Hansa Metallics Limited 	<ul style="list-style-type: none"> - Maintenance Workers Development Programme (For Maintenance Technicians in Hindi)
<ul style="list-style-type: none"> • Hindalco Industries Ltd. 	<ul style="list-style-type: none"> - Maintenance Problem-solving Through Creative Techniques - Maintenance Management - Preventive and Predictive Maintenance Tools & Techniques with Safety in Maintenance
<ul style="list-style-type: none"> • Hindalco Industries Ltd. (Renusagar Power Division) 	<ul style="list-style-type: none"> - Maintenance Problem-solving Through Creative Techniques - Excellence in Maintenance Management - Machine Reliability and Maintainability Improvement - Condition-based Maintenance and Vibration Analysis - Maintenance Cost Control and Spare Parts Management - Reliability Centred Maintenance (RCM)
<ul style="list-style-type: none"> • Hindustan Organic Chemicals Limited 	<ul style="list-style-type: none"> - Maintenance Management
<ul style="list-style-type: none"> • Hindustan Unilever Limited (Formerly Hindustan Lever Limited) 	<ul style="list-style-type: none"> - Total Productive Maintenance
<ul style="list-style-type: none"> • Hindustan Zinc Limited (Debari Zinc Smelter) 	<ul style="list-style-type: none"> - Total Productive Maintenance
<ul style="list-style-type: none"> • Hindustan Zinc Limited (Chanderiya Lead Zinc Smelter) 	<ul style="list-style-type: none"> - Total Productive Maintenance

<ul style="list-style-type: none"> • ITC Limited 	- Maintenance Workers Development Programme (For Maintenance Technicians in Hindi)
<ul style="list-style-type: none"> • ITC Limited (Paperboards & Speciality Papers Division) (Formerly ITC Bhadrachalam Paperboards Ltd.) 	- Maintenance Problem-solving Through Creative Techniques
<ul style="list-style-type: none"> • ITI Limited 	- Maintenance Management
<ul style="list-style-type: none"> • Indian Institution of Plant Engineers (IIFE) 	- Improving Maintenance Cost-effectiveness
<ul style="list-style-type: none"> • Indian Metals & Ferro Alloys Ltd. 	- Maintenance Planning, Scheduling and Control - Machine Reliability and Maintainability Improvement - Total Productive Maintenance
<ul style="list-style-type: none"> • Indian Oil Corporation Ltd. (Mathura Refinery) 	- Maintenance Problem-solving Through Creative Techniques
<ul style="list-style-type: none"> • Indo Gulf Fertilisers (A Unit of Aditya Birla Nuvo Limited) (Formerly Indo Gulf Corporation Ltd.) 	- Maintenance Management
<ul style="list-style-type: none"> • International Paper APPM Ltd. (Formerly A.P. Paper Mills Ltd.) 	- Machine Reliability and Maintainability Improvement
<ul style="list-style-type: none"> • JCB India Limited (Formerly Escorts JCB Ltd.) 	- Total Productive Maintenance
<ul style="list-style-type: none"> • JCT Electronics Ltd. (CPT Plant) 	- Maintenance Management
<ul style="list-style-type: none"> • JK Tyre & Industries Ltd. (Formerly JK Industries Ltd.) 	- Productive Maintenance
<ul style="list-style-type: none"> • JK Sugar Ltd. 	- Total Productive Maintenance
<ul style="list-style-type: none"> • JK Synthetics Ltd. 	- Machine Failure Analysis and Control
<ul style="list-style-type: none"> • JSW Ispat Special Products Limited (Formerly Monnet Ispat & Energy Limited) 	- Root Cause Failure Analysis and Maintenance
<ul style="list-style-type: none"> • K.M. Sugar Mills Ltd. 	- Productive Maintenance
<ul style="list-style-type: none"> • K.S. Oils Ltd. 	- Maintenance Cost Reduction and Root Cause Machine Failure Analysis
<ul style="list-style-type: none"> • Kalyani Steels Limited 	- Total Productive Maintenance
<ul style="list-style-type: none"> • Keihin FIE Private Limited 	- Improving Maintenance Cost-effectiveness
<ul style="list-style-type: none"> • Kesar Enterprises Ltd. 	- Preventive and Predictive Maintenance
<ul style="list-style-type: none"> • Kirloskar Oil Engines Ltd. 	- Total Productive Maintenance

<ul style="list-style-type: none"> • Kotla Hydro Power Ltd. 	- Safety Awareness
<ul style="list-style-type: none"> • Madura Coats Limited (Global Thread Supply India) 	- Total Productive Maintenance
<ul style="list-style-type: none"> • Maharashtra Seamless Ltd. 	- Maintenance Management
<ul style="list-style-type: none"> • Mangalore Chemicals & Fertilizers Limited 	- Machine Failure Analysis and Reliability & Maintainability Improvement
<ul style="list-style-type: none"> • Manglam Timber Products Ltd. 	- Planned Maintenance Systems and Procedures
<ul style="list-style-type: none"> • Moser Baer Limited 	- Condition-based Maintenance
<ul style="list-style-type: none"> • Motherson Sumi Systems Ltd. 	- Machine Reliability and Maintainability Improvement
<ul style="list-style-type: none"> • Mumbai Port Trust 	- Maintenance Management - I - Maintenance Management - II - Maintenance Management - III - Maintenance Management - IV
<ul style="list-style-type: none"> • NTPC Limited (Rihand Super Thermal Power Project) 	- Maintenance Management
<ul style="list-style-type: none"> • National Aluminium Company Ltd. 	- Quiz Programme on Maintenance Management - I - Quiz Programme on Maintenance Management – II - Quiz Programme on Maintenance Management – III
<ul style="list-style-type: none"> • National Fertilizers Limited (Panipat Unit) 	- Maintenance Productivity Improvement and Maintenance Cost Control - Total Productive Maintenance - Maintenance Workers Development Programme (For Maintenance Technicians in Hindi)
<ul style="list-style-type: none"> • Nepa Limited 	- Maintenance Management - Maintenance Workers Development Programme (For Maintenance Technicians in Hindi)
<ul style="list-style-type: none"> • Nestle India Ltd. (Pantnagar Factory) 	- Operators Development Programme for Effective Maintenance (For Plant Operators in Hindi)
<ul style="list-style-type: none"> • New Shorrock Mills (Prop.: Mafatlal Industries Ltd.) 	- Maintenance Management
<ul style="list-style-type: none"> • Nuclear Power Corporation of India Ltd. (Madras Atomic Power Station) 	- Maintenance Management
<ul style="list-style-type: none"> • Oil India Limited 	- Effective Spare Parts Management
<ul style="list-style-type: none"> • Orient Paper Mills (Prop.: Orient Paper & Industries Ltd.) 	- Productive Maintenance - Stores Management - Maintenance Problem-solving Through Creative Techniques - Creative Thinking for Innovation and Problem-Solving

	- Improvement in Maintenance Practices Across the Mills
• Oriental Carbon & Chemicals Ltd.	- Systematic Breakdown Analysis and Downtime Reduction - Planned Preventive and Predictive Maintenance Systems and Practices - Machine Failure Concepts and FMEA
• Orissa Sponge Iron & Steel Ltd. (Formerly Orissa Sponge Iron Ltd.)	- Maintenance Management
• PSL Limited	- Preventive and Predictive Maintenance
• Paradeep Phosphates Ltd.	- Maintenance for Zero Breakdowns
• Parle Biscuits Pvt. Ltd. (Neemrana Plant)	- Development Programme for Maintenance Workers (<i>For Maintenance Technicians in Hindi</i>)
• Permal Wallace Pvt. Ltd.	- Operators Development Programme for Effective Maintenance (<i>For Plant Operators in Hindi</i>)
• Poly Medicure Limited	- Maintenance Management - Total Productive Maintenance - Creativity and Brainstorming - Machine Failure Analysis and Machine Reliability & Maintainability Improvement - TPM Implementation
• Prakash Industries Limited	- Maintenance Management
• Punjab Hydro Power Ltd.	- Safety Awareness
• RCCPL Pvt. Ltd. (Formerly Reliance Cement Co. Pvt. Ltd.)	- Root Cause Failure Analysis and Maintenance
• Rail Wheel Factory (Ministry of Railways)	- Reliability-centred Maintenance - Planned Maintenance Systems and Practices - Plant Downtime Reduction - Maintenance Planning, Scheduling and Control - Spare Parts Management - Maintenance Time Wastage Analysis - Measurement of Maintenance Performance
• Rajashree Polyfil (A Divn. of Century Enka Ltd.)	- Maintenance Management
• Ranbaxy Laboratories Ltd.	- Total Productive Maintenance
• Roquette India Private Limited (Formerly Roquette Riddhi Siddhi Pvt. Ltd.)	- Maintenance Management
• SNL Bearings Ltd. (Formerly Shriram Bearings Ltd.)	- Maintenance Problem-solving Through Creative Techniques
• SRF Limited (Chemicals Business)	- Maintenance Management – I - Maintenance Management - II

<ul style="list-style-type: none"> SRF Limited (Packaging Films Business) 	- Maintenance for Zero Breakdowns
<ul style="list-style-type: none"> SRF Management Development Centre 	- Breakdown Analysis
<ul style="list-style-type: none"> Samtel (India) Limited 	- Maintenance Management - Planned Maintenance Systems and Procedures
<ul style="list-style-type: none"> Saraswati Sugar Mills, The 	- Maintenance Management - Preventive Maintenance and Planned Maintenance Systems and Procedures
<ul style="list-style-type: none"> Sesa Goa Limited 	- Maintenance Management
<ul style="list-style-type: none"> Shree Cement Limited (Beawar & Ras Units) 	- Maintenance Engineers Development Programme - I&II - Maintenance Workers Development Programme - I&II (<i>For Maintenance Technicians in Hindi</i>) - Creativity and Problem-solving Management - I&II - Reliability Centred Maintenance (RCM)
<ul style="list-style-type: none"> Siel Food & Fertilizer Industries (A Divn. of Siel Ltd.) 	- Maintenance Management
<ul style="list-style-type: none"> Star Paper Mills Ltd. 	- Planned Maintenance Systems and Procedures
<ul style="list-style-type: none"> Steel Strips Wheels Ltd. 	- Maintenance Technicians Development Programme (<i>For Maintenance Technicians in Hindi</i>)
<ul style="list-style-type: none"> Sterlite Industries (India) Ltd. (Copper Division) (Vedanta Group) 	- Maintenance Management
<ul style="list-style-type: none"> Sterlite Technologies Limited (Formerly Sterlite Industries (India) Ltd., Telecom Unit) 	- Maintenance Management
<ul style="list-style-type: none"> Sterlite Technologies Limited (Power Transmission Business) 	- Maintenance for Zero Breakdowns – I - Maintenance for Zero Breakdowns – II
<ul style="list-style-type: none"> Sumitomo Chemical India Limited (Formerly Excel Crop Care Ltd.) 	- Maintenance Management - I - Maintenance Management – II
<ul style="list-style-type: none"> Syngenta India Ltd. (Crop Protection Division) 	- Effective Preventive Maintenance and Tracking PM Benefits - Maintenance Staff Development Programme (<i>For Maintenance Technicians in English</i>)
<ul style="list-style-type: none"> Syngenta India Ltd. (Seeds Division) 	- Mastering Out-of-the-Box Thinking
<ul style="list-style-type: none"> Tata Chemicals Ltd. 	- Maintenance Workers Development Programme (<i>For Maintenance Technicians in Hindi</i>)
<ul style="list-style-type: none"> U. P. Twiga Fiberglass Ltd. 	- Total Productive Maintenance
<ul style="list-style-type: none"> USV Private Limited (Baddi Unit) 	- Reliability Centred Maintenance (RCM)

<ul style="list-style-type: none"> • USV Private Limited (Daman Unit) 	- Reliability Centred Maintenance (RCM)
<ul style="list-style-type: none"> • Vardhman Acrylics Limited 	- Maintenance Management
<ul style="list-style-type: none"> • Vardhman Special Steels 	- Maintenance Workers Development Programme (<i>For Maintenance Technicians in Hindi</i>) - Maintenance Management
<ul style="list-style-type: none"> • Vardhman Spinning and General Mills Ltd. 	- Maintenance Management
<ul style="list-style-type: none"> • Vindhya Telelinks Limited 	- Total Productive Maintenance
<ul style="list-style-type: none"> • Wheels India Limited 	- Maintenance Problem - solving through Creative Techniques
<ul style="list-style-type: none"> • Yash Papers Limited 	- Maintenance Workers Development Programme (<i>For Maintenance Technicians in Hindi</i>)