



INDIAN INSTITUTE FOR PRODUCTION MANAGEMENT

(PROMOTED BY L&T, SAIL & GOVT. OF ODISHA)

KANSBAHAL, NEAR ROURKELA, ODISHA - 770034

AN ISO 9001 : 2015 & ISO 29990 : 2010 CERTIFIED ORGANIZATION

TRAINING BOOKLET



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About iiPM - Kansbahal

Indian Institute for Production Management (popularly known as iiPM), was set up in the year 1979 by L&T with active support from ICICI Bank, SAIL and Govt. of Odisha. The institute has completed 40 years of glorious services to various industries of the country and abroad by offering various types of Training Activities on Skill & Knowledge up-gradation.

The Institute has come a long way from imparting training to the foremen of L&T and SAIL to be a techno-managerial solution to the Industry and Business of the Country. The organization has spread its wing to a complete training and educational hub and renamed as “Indian Institute for Production Management (iiPM)” in the year 1995, from its original name “Indian Institute for Foremen Training (iiFT)”.

Management Development Program along with Quality Professional and Technical Education in MBA, PGDM, BBA and Diploma (Mining & Mechanical) under AICTE are the other wings of this organization.

In addition to the regular Technical & Professional courses, iiPM has also developed few Certification Courses to Bridge the Gap between Classroom to Corporate (CTC) as follows:

- **Post Graduate Diploma in Engineering Management [PGDEM]**
- **Post Graduate Diploma in Energy Management [PGDENM]**
- **Post Graduate Diploma in Production Engineering [PGDPE]**
- **Advance Diploma in Maintenance Management & Condition Monitoring [ADMM&CM]**

In addition to the Skill Development of Man Power (Employees & Students), iiPM also ensures the Optimal Utilization of the Machineries installed at Industries to achieve maximize Equipment Efficiency by reducing unplanned downtimes. For this, iiPM has a separate Research Wing named “Condition Based Maintenance (CBM) cell” for expediting the Machine Failures by Predictive Maintenance tools like Wear Debris Analysis (WDA), Vibration Monitoring & Analysis and Infrared Thermography Tests.

Technical Training (Mechanical)

Sl.	Training Program Name	Duration (in Days)
01	Industrial Hydraulics & Pneumatics	04 Days
02	Operation & Maintenance of Pumps	03 Days
03	Operation & Maintenance of Compressors	03 Days
04	O & M of Couplings & Gearboxes	03 Days
05	Selection, Care & Maintenance of Bearings	03 Days
06	Operation & Maintenance of Boilers	03 Days
07	Operation & Maintenance of Turbines	03 Days
08	O & M of Material Handling Equipments	03 Days
09	Machine Alignment & Balancing	03 Days
10	Operation, Maintenance & Troubleshooting of Pollution Control Equipment : ESP & Bag Filters	02 Days

Note: Duration & contents of the training programs are customizable considering client requirements.

Technical Training (Electrical)

Sl.	Training Program Name	Duration (in Days)
01	Maintenance of Electrical Equipment	04 Days
02	Condition Monitoring for Electrical Equipment	03 Days
03	Operation & Maintenance of Electrical Motors	03 Days
04	Operation & Maintenance of Switchgear & Circuit Breakers	03 Days
05	Operation & Maintenance of Transformers	03 Days
06	Electrical Maintenance for Non - Electricals	03 Days
07	Electrical Safety, LOTO & PTW	03 Days
08	Electrical Troubleshooting & Preventive Maintenance	03 Days
09	Operation & Maintenance of Power System Equipment	04 Days
10	Operation & Maintenance of Substation Equipment	04 Days

Note: Duration & contents of the training programs are customizable considering client requirements.

Technical Training (E&I)

Sl.	Training Program Name	Duration (in Days)
01	Power Electronics & VFDs	03 Days
02	AC & DC Drives : Operation & Maintenance	03 Days
03	Industrial Electronics & Control	02 Days
04	Industrial Instrumentation & Process Control	02 Days
05	Industrial Automation [Concepts of PLC, SCADA & DCS]	03 Days
06	Power Plant Instrumentation	03 Days
07	HMI, SCADA & DCS Systems	02 Days
08	Basic Control Philosophies & Control Valves	03 Days
09	Instrumentation Design Training	02 Days
10	Electronics Fault Finding	03 Days

Note: Duration & contents of the training programs are customizable considering client requirements.

Industrial Safety Training

Sl.	Training Program Name	Duration (in Days)
01	Certified First Aid Training (NSC / St. John Ambulance)	03 Days
02	Industrial Safety Management & Audit	03 Days
03	Hazard Identification & Risk Analysis	03 Days
04	Disaster Management & Emergency Preparedness	02 Days
05	Occupational Health Health & Safety Management System (ISO 45001 : 2018)	02 Days
06	HAZOP Study & Implementation	02 Days
07	Industrial Hygiene Principles & Practices	02 Days
08	Scaffolding & Work at Height	02 Days
09	Basic Fire Safety	03 Days
10	Safety Culture & Behavior Based Safety	03 Days

Note: Duration & contents of the training programs are customizable considering client requirements.

Maintenance Management Training

Sl.	Training Program Name	Duration (in Days)
01	Maintenance Engineering & Management	03 Days
02	Condition Based Maintenance (CBM)	03 Days
03	Lubrication Management, WDA & Tribology	03 Days
04	Infrared Thermography for Industrial Applications	02 Days
05	Transformer Oil Analysis	02 Days
06	Soft Engineering Skills for Plant Engineers	03 Days
07	Predictive Maintenance with Vibration Monitoring & Analysis	03 Days
08	Process of Troubleshooting & RCA (Why - Why Analysis, FMEA & Fishbone Diagram)	03 Days
09	Concepts of Zero Accident in Industries	03 Days
10	Concepts of Zero Breakdown in Industries	03 Days

Note: Duration & contents of the training programs are customizable considering client requirements.

Modern Management Training

Sl.	Training Program Name	Duration (in Days)
01	Energy Conservation in Industries	03 Days
02	Lean Management & Six Sigma	03 Days
03	Reliability Centered Maintenance (RCM)	03 Days
04	Total Quality Management (TQM)	03 Days
05	Intelligent Maintenance Management	03 Days
06	Inventory Management & Just in Time	03 Days
07	Supply Chain Management	03 Days
08	Total Productive Maintenance (TPM)	03 Days
09	Quality Management System (ISO 9001 : 2015)	03 Days
10	Environment Management System (ISO 14001 : 2015)	03 Days

Note: Duration & contents of the training programs are customizable considering client requirements.

Management Development Training

Sl.	Training Program Name	Duration (in Days)
01	Emotional Intelligence for Developing positive Psychology	02 Days
02	Impact of Transactional Analysis & NLP	02 Days
03	Motivation & Leadership in Change Management Scenario	02 Days
04	Creativity, Innovation & Problem Solving skills for Organization Excellence	02 Days
05	Corporate Governance & Strategic Management	02 Days
06	Accounting for Managerial Decision Making	02 Days
07	Financial Reporting & Analysis	02 Days
08	Developing Mentor - Mentee relationship	02 Days
09	Supervisory Development Program (SDP)	06 Days
10	Management Development Program (MDP)	06 Days

Note: Duration & contents of the training programs are customizable considering client requirements.

Soft Skill Training

Sl.	Training Program Name	Duration (in Days)
01	Time Management	02 Days
02	Power of Positive Attitude	02 Days
03	Workplace Etiquettes	02 Days
04	Effective Communication Skills	02 Days
05	Personal Excellence through Emotional Intelligence	02 Days
06	Analytical Thinking & Decision Making	02 Days
07	Managing Change in High Performance Teams	02 Days
08	Negotiation Skills	02 Days
09	Customer Relationship Management	02 Days
10	Contract Management for Results	02 Days

Note: Duration & contents of the training programs are customizable considering client requirements.

Behavioral Training

Sl.	Training Program Name	Duration (in Days)
01	Conflict Management / Resolution	02 Days
02	Stress Management	02 Days
03	Interpersonal Skills	02 Days
04	Leadership & Teamwork	02 Days
05	Art of Empathy	02 Days
06	Maintaining Work - Life Balance	02 Days
07	Self Improvement & Self Management	02 Days
08	Creative Thinking & Problem Solving	02 Days
09	Business Communication & Presentation	02 Days
10	Developing Assertive Behavior	02 Days

Note: Duration & contents of the training programs are customizable considering client requirements.

Certificate Educational Programs

Sl.	Certificate Education Program Name	Duration (in Days)
01	Advance Diploma in Maintenance & Management (ADMM)	180 Days
02	Post Graduate Diploma in Engineering Management (PGDEM)	270 Days
03	Post Graduate Diploma in Energy Management (PGDENM)	270 Days
04	Post Graduate Diploma in Production Engineering (PGDPE)	270 Days
05	Certificate program on Business Analytics	180 Days
06	Certificate program on Statistical Quality Control Method	180 Days
07	Certification Program on Statistic for Data Science & Business Analysis	180 Days
08	Certificate Program in Data Science for Business Decision Making	180 Days
09	Research Methodology Course in Social Science	180 Days

Note: For details about the above described Educational Certificate Programs, please write to: project@iipm.ac.in

COMMERCIAL TERMS:



Rs. 10,000/- for 02 Days Program



Rs. 15,000/- for 03/04 Days Program



Rs. 20,000/- for 06 Days Program

Note:

- **Above described amounts are towards Non - Residential Training Fees per Participant per Program.**
- **Non Residential Training Fee includes : Professional Training cost, Training Kit, Study Material, Training Participation Certificate, Lunch & Tea (twice a day).**
- **GST to be added extra as per Govt. norms.**

Residential Facilities Charges:

- **AC Twin Sharing Occupancy : Rs. 950.00 per Head per Day**
- **AC Single Occupancy : Rs. 1250.00 per Head per Day**

Residential Facilities Charges include: Accommodation Charges, Fooding Charges, Railway Station Pick Up & Dropping charges.



For group / bulk nomination, organizing programs at client premises, kindly write to: trg@iipm.ac.in (OR) contact at : 8599004736.

Other Activities by IIPM - Kansbahal

EDUCATION

- IIPM School of Management
- IIPM School of Engineering & Technology
- IIPM College

AICTE approved COURSES OFFERED:

- MBA
- MBA-FM
- BBA
- PGDM
- DIPLOMA ENGG.
- ★ MECHANICAL
- ★ MINING

CBM

CONDITION BASED MAINTENANCE

- **Wear Debris Analysis (WDA)**
- **IR Thermography**
- **Vibration Monitoring & Analysis**
- **In-situ Balancing**



OUR VALUABLE CUSTOMERS

 ADGAS	 ADITYA BIRLA GROUP	 BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD.	 Bhushan POWER & STEEL	 CAIRN Energy for India
 CEAT	 Dalmia Bharat Cement	 DEEPAK FERTILISERS AND PETROCHEMICALS CORPORATION LIMITED	 DrukGreen Druk Green Power Corporation Limited A Joint Venture of Global Understanding	 दामोदर घाटी निगम DAMODAR VALLEY CORPORATION
 EMIRATES INDUSTRIAL LABORATORY Oil, Gas, Marine and Industrial Consultants	 EXIDE INDUSTRIES LIMITED	 गैल GAIL	 GIIB Engineered To Care	 इंडियन ऑयल IndianOil
 Indian Petrochemicals Corporation Limited	 ITC Limited	 Jayaswal Neco Industries Ltd. An ISO 9001:2008 Certified Company	 JINDAL STEEL & POWER	 JSW Steel
 GERDAU	 KALYANI	 L&T Construction Skills Training Institute Work is Worship	 LANCO	 Mahanadi Coalfields Limited (A Subsidiary of Coal India Limited) A Maharatna Company
 MEA GOVERNMENT OF INDIA	 MRF	 नालको NALCO	 NAVAL DOCKYARD, MUMBAI	 NEPCO Eco-Friendly, Animal Approved
 Nestle	 एन एम डी सी NMDC	 एन पी टी आई NPTI प्रावीण्यं परोपवृत्तिश्च	 NRL	 एन टी पी सी NTPC A Maharatna Company
 OCL INDIA LTD.	 ऑयल इंडिया लिमिटेड Oil India Limited	 ओ एन जी सी ONGC	 OPGC Power for Progress	 Dussehra Dyechems Limited
 आर सी एफ Rashtriya Chemicals and Fertilizers Limited	 Reliance Industries Limited	 सेल SAIL	 SARDA SARDA ENERGY & MINERALS LTD.	 TATA TATA STEEL
 TATA TATA POWER		 vedanta	 VISA STEEL	 WBPDCCL