



CREATING LEADERS FOR MANUFACTURING

“ Excellence begins with the sound
knowledge and proven skills of people ”



School for Professional Competence Development

From the Training Desk

Welcome. We would like to start with welcoming each one of you to enrich professional life and career through our effective and impact-proven training programs. We thank the global manufacturing industry for the support and recognition it has given us.

We take privilege in explaining you the programs we have developed and planned for the executive of the manufacturing sector.

“Excellence is an art won by training and habituation. We do not act rightly because we have virtue or excellence, but we rather have those because we have acted rightly. We are what we repeatedly do. Excellence, then, is not an act but a habit.” - Aristotle

Why does the manufacturing executives need training to gain excellence?

In the world where anything gets obsolete within moments and the greatest breakthroughs in science and lifestyle have become passing clouds for something better than comes, what keeps us going is our constant ability to learn quickly and reflect on it.

What does it take to train do the right things again and again?

- Believing in yourselves and your passions
- Commitment to your responsibilities
- Ability to understand and accept change
- The energy to initiate something good
- Never ending quest for improvement

These are simple words, aren't they!

Simplicity is the highest form of sophistication!

The opportunity to learn simple and yet effective tools will help your team remain competitive.

“Choose a job you love, and you will never have to work a day in your life.”- Confucius

The International Research Institute for Manufacturing wishes you and your organization the very best on all your efforts towards excellence.

Best Regards

The Management Team

International Research Institute for Manufacturing.

“ Competition is an incentive to progress, it is the keen cutting edge of any business ”



INTERNATIONAL RESEARCH



IRIM

Competitiveness of an organization denotes its ability to perform amidst other organizations. In the Globalized world geographies are no more barriers for competition. Each manufacturing organization works towards building its unique competitive strategy and in most cases the answers lay in the agility and efficacy of their manufacturing process. It is impossible to achieve such competitiveness through complying with a predefined set of best practices or management process. An organization has to be constantly enriched by the ideas and efforts of well-informed and aptly trained executives. 'Our mission is to create such executives who could take an organization's competitiveness to a Higher Level'. This helps organizations deliver unmatched value to its stakeholders.

Let it be training, strategic consulting or research at the International Research Institute for Manufacturing we do not rely on standard industry formula. We believe that every organization and industry leader is unique and solutions for them have to be tailor made through thorough analysis and technical commitment. We have presence in more than twelve nations spanning in more than four continents. Our global outreach ensures that we have the infrastructure to tap the best ideas across the globe.

INSTITUTE FOR MANUFACTURING



At IRIM we constantly endeavour to nurture institutional clients and individuals towards the journey of constantly delivering more value to its stakeholders by realizing their competencies and developing a competitive edge in the market.

Our constant endeavour to create tailor-made solution for our client's needs have helped us build sound reputation and strong relationships. In many cases today we work with them as partners of their growth process.

International Research Institute for Manufacturing.

Consultants with global exposure and proven expertise.

Trainer with an average training experience of above 10000 hours

Represented in more than twelve countries.

Solutions directly focussed on meeting critical organizational needs.

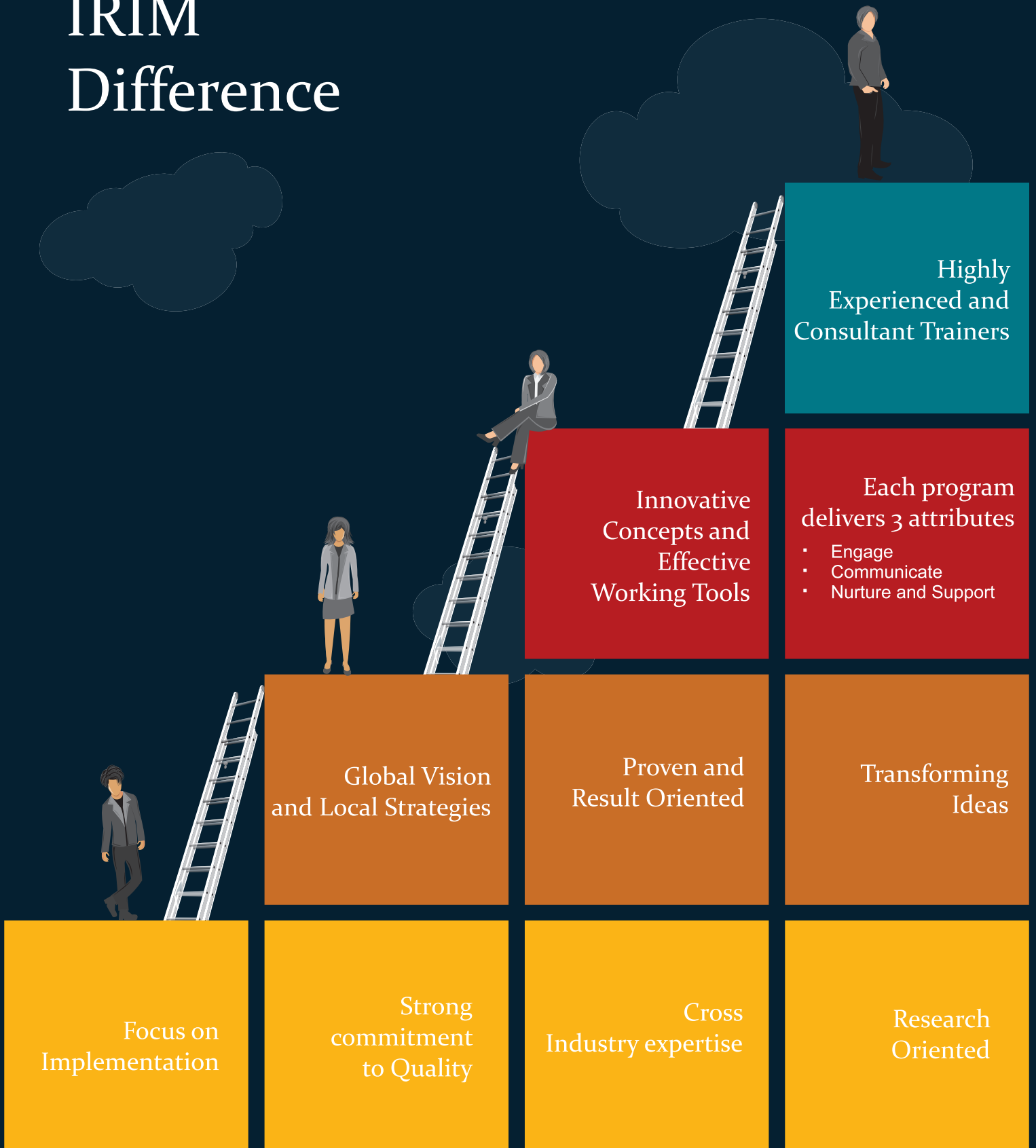
Benchmarking of manufacturing competitiveness across the globe.

Evolving program contents for evolving industry needs.

Community of think-tankers known as Global Manufacturing Competitiveness Committee.

Full time subject matter experts delivering thought provoking seminars and white papers.

IRIM Difference



Our Trainers are highly equipped and experienced and bring to every program the ideas and finer nuances of playing an inspirational manufacturing executive, so that the participant can better interpret the learning and reflect them at their workplace environment.

Our results come from the research we have done trying to achieve perfection in our delivery methods. This has helped us develop relevant programs that give tangible results.



The attributes of our expertise revolve around areas of Organizational Transformation, Professional Competence, Impact Research and Competitive Strategy. The first two deals with empowering organizations and its executives the latter is focussed on industry level benefits. Our services have helped not only to improve financial numbers of companies but also the betterment of their approach to it.

“ And in the end, it's not the years in your life that count, it's the life in your years ”

IRIM Methodology

Delivering Effective Skill Development

One of IRIM's strengths is that we encourage “Learning by Doing” using our engagement focussed training programmes, role plays and analysing real industry case studies. All these are elements that motivates candidates to better realize and interpret key concepts and ideas.

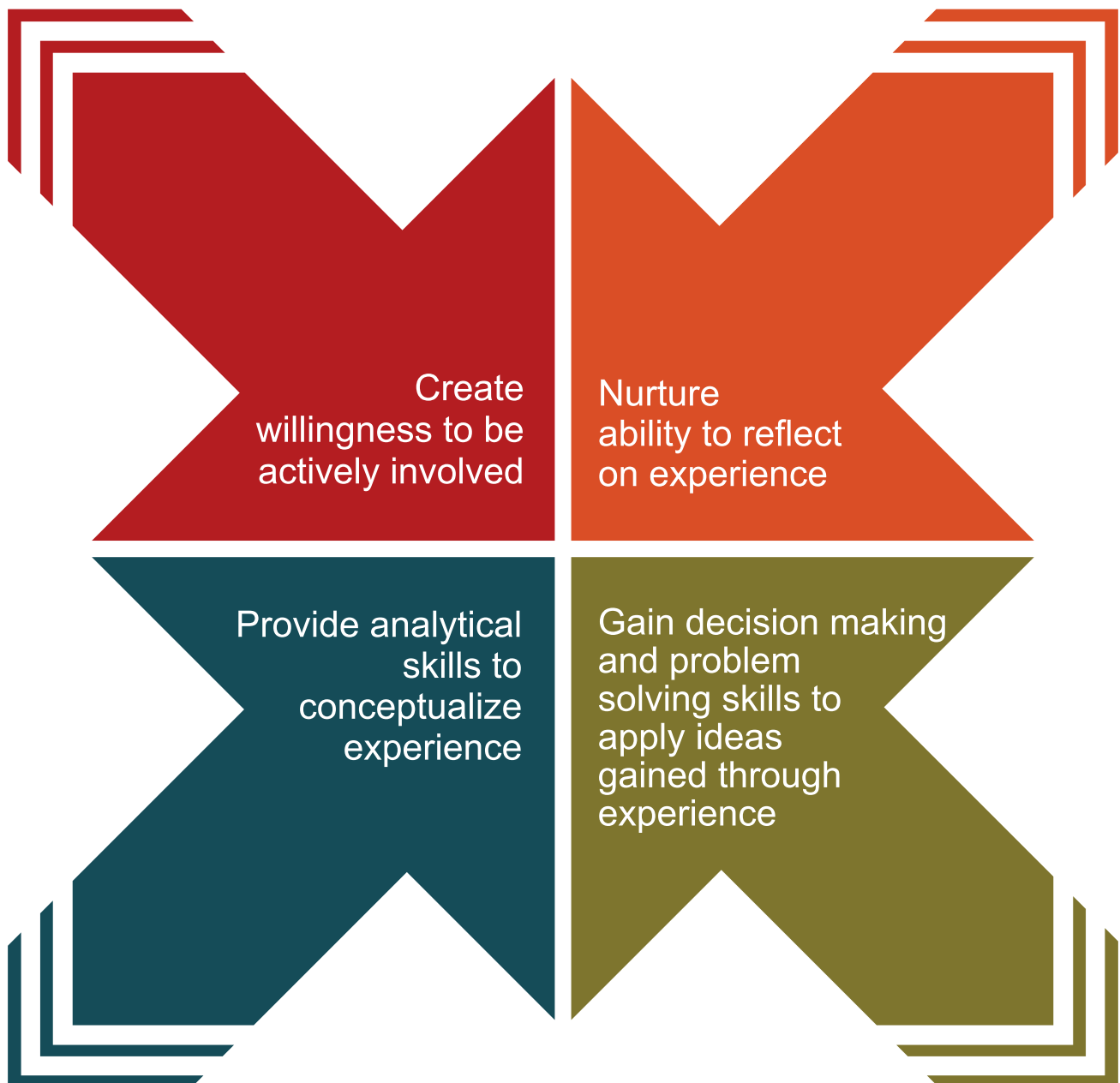
IRIM participation is kept within the optimal group size between fifteen to thirty people at a time. This gives us the opportunity to provide customized support to each candidate in the program, resulting in a better learning environment.

“ Intelligence without ambition is
a bird without wings ”



Our Principle of inducing Learning.

Learning can exist without a teacher and relates solely to the meaning making process of the individual's direct experience. However, though the gaining of knowledge is an inherent process that occurs naturally, for a genuine learning experience to occur, there must exist certain elements. According to David A. Kolb, an American educational theorist, knowledge is continuously gained through both personal and environmental experiences. He states that in order to gain genuine knowledge from an experience, certain abilities are required. IRIM training programs are designed to provide these skills.



The Power of a IRIM programme

Learning and support that goes
beyond the programme



Mail and Telephonic support



Progress reviews through video
conferencing



Regular newsletters from IRIM on
industry trends and development



Alumni of IRIM get discounted
rates on other programmes.



School for Professional
Competence Development

Certificate of Achievement

Awarded To

XYZ Company Limited.

On successful participation and completion of the workshop
"XXXX"
At Chennai on 18-19 July 2013

International Research
Institute for Manufacturing

Programme Leader

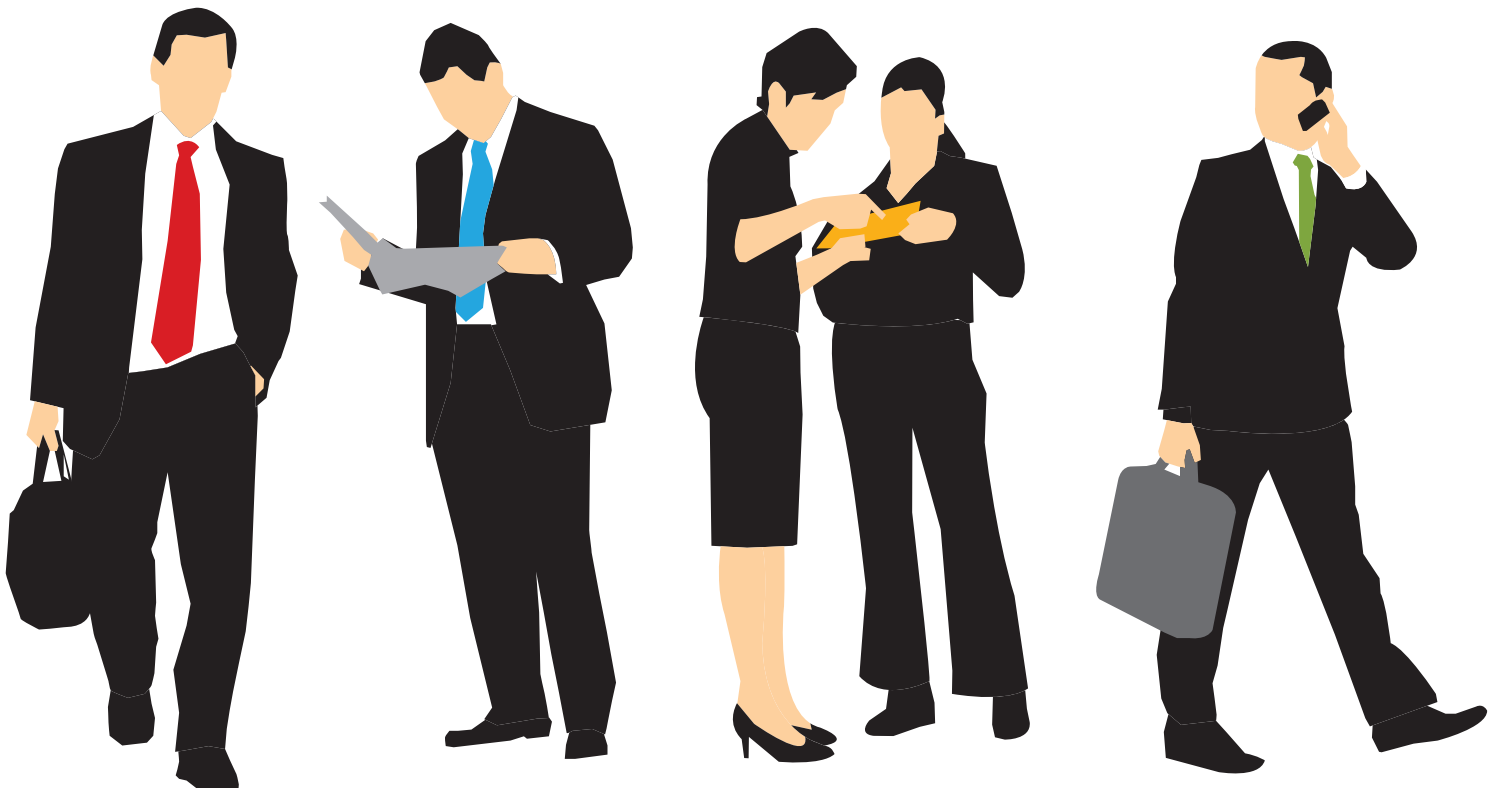
IRIM 2013 Programme

At IRIM we believe in developing an individual and thus empower the organization. It is this values of us that makes us unique to our customers hailing from a huge variety of industry sectors gain tangible results from our services.

As with every successful program, we focus on the individual's strengths and competencies. These interactive sessions are simple yet complete and focusses on personalized attention.

Our programs add extensive value to careers of individuals and to the progress of organizations. They help gain a genuine competitive advantage. The programs are liberally interspersed with case studies, role plays, team activities, individual assignments and competitions, which will enable the application of skills immediately.

“ Action is more eloquent than words ”



Managing Focused Improvement Initiatives



Who can attend?

Engineering Managers, Manufacturing Executives, management professionals, Finance and Operations managers, Organizational leaders and Management Students.

Do these situations apply to you

- Tough cost saving targets.
- Great results expected in short time
- Competitor is running too fast.
- Critical pain areas in business have been identified
- You have a mandate to transform your organization for the better

Key Take Aways

- Structured management approach
- A suite of core management skills
- A set of simple yet effective working tools
- Ability to inspire growth.



Then this is the programme for you



What is Unique?

The program coaches and demonstrates its candidates a stage by stage process of identifying, initiating, executing and consolidating short term and long term improvement projects in a manufacturing business.

Programme Contents

Generate Opportunities

- Conducting Assessments
- Creating Information from data.
- Aligning identified opportunities to organizational goals

Sort, Prioritize and Define

- Achievability Vs. Benefit Vs. Recourse Analysis
- Prioritization
- Creating a profile of improvement projects

Solution Identification

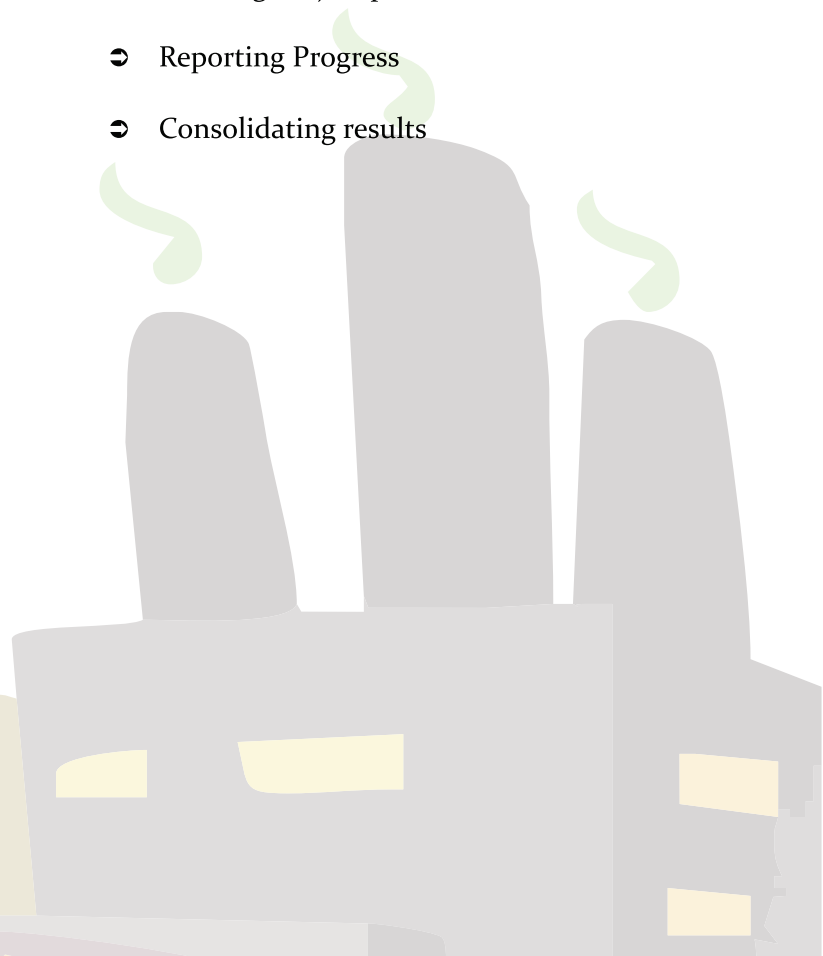
- Conducting Brainstorming sessions
- Experimenting to learn
- Integrating people and their competencies

Endorse and Progress

- Directing Cross Functional Teams
- Executing unconventional ideas

Track Project Progress and Benefits

- Creating Project plans
- Reporting Progress
- Consolidating results



Manufacturing Competiveness Assessor Program



“ True genius resides in the capacity for evaluation of uncertain, hazardous, and conflicting information ”

Who can attend?

Engineering Managers, Manufacturing Executives, management professionals, Finance and Operations managers, Organizational leaders, Management Students, representative members of companies applied for the National Awards for Manufacturing Competiveness.

Key Take Aways

- Structured management approach
- A suite of core management skills
- A set of simple yet effective working tools
- Ability to inspire growth

Do these situations apply to you

- You are in need of understanding your organizations strengths and weaknesses.
- You have to identify strategic OFIs (opportunities for improvement)
- Have to prepare your organization for the National Awards for Manufacturing Competiveness



Then this is the programme for you



What is Unique?

IRIMs 10 elements of manufacturing competitiveness is an industry tested model to analyse and rate an organization's manufacturing competitiveness. The program would create in-company assessors of manufacturing competitiveness who would play a constant role of evaluating and refining strategies for their organization.

Programme Contents

Planning for assessments

- Planning for resources
- Researching on the business
- Communicating

Discussing with key functions

- Looking beyond the convention
- Find small gaps that could solve great problems

Understanding Business intricacies

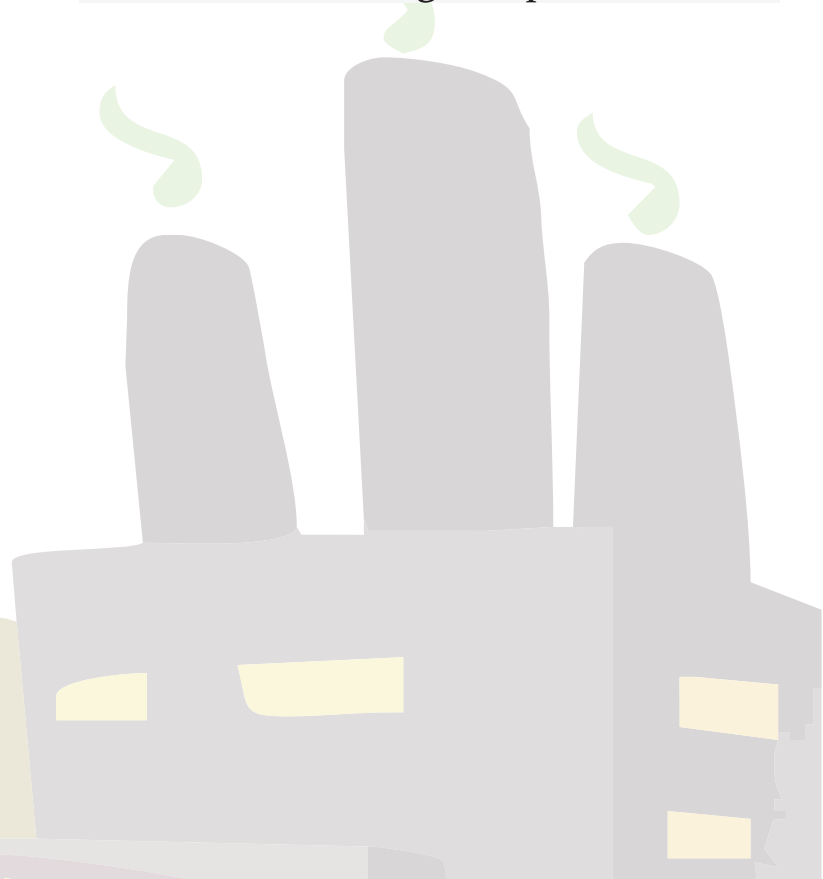
- Analysing market data
- Initiating discussions with sales and research functions
- Understanding the vision and future plans of the organization

Consolidating the findings

Detailed sessions on the IRIM model for manufacturing competitiveness.

Observing the shop floor management culture

- Looking out for critical indicators
- Engaging mutually beneficial discussions
- Collecting evidences



Lean Manufacturing for Leaders



“ It is an immutable law in business that words are words, explanations are explanations, promises are promises ”

Who can attend?

Engineering Managers, Manufacturing Executives, management professionals, Finance and Operations managers, Organizational leaders, Management Students, anybody with a leadership role in an organization who wants to improve performance of the organization.

Key Take Aways

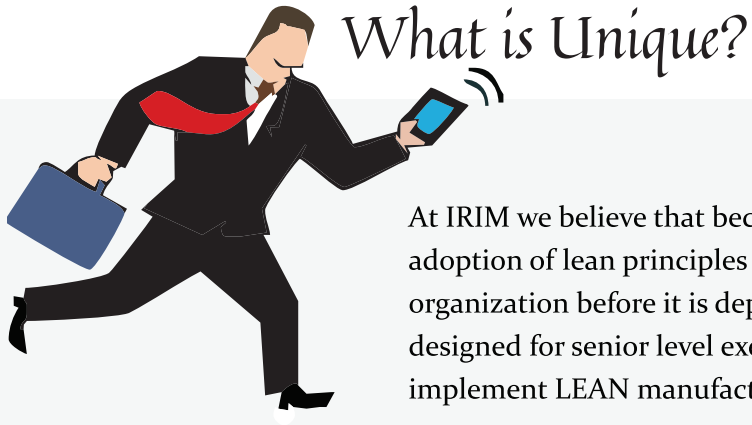
- Structured management approach for lean implementation
- A suite of core management skills
- A set of simple yet effective working tools
- Ability to inspire deployment of Lean principles

Do these situations apply to you

- You lead a team that is hesitant to change
- You want to go top-down on implementing lean principles in your organization.
- There is lack of focus on where to improve
- There are too many presentations made but fewer changes in real performance.



Then this is the programme for you



At IRIM we believe that becoming LEAN is a top-down process and the adoption of lean principles have to happen with the leaders of an organization before it is deployed to grass root levels. This program is designed for senior level executives who intent to understand and implement LEAN manufacturing principles in their organizations.

Programme Contents

Principles of Lean

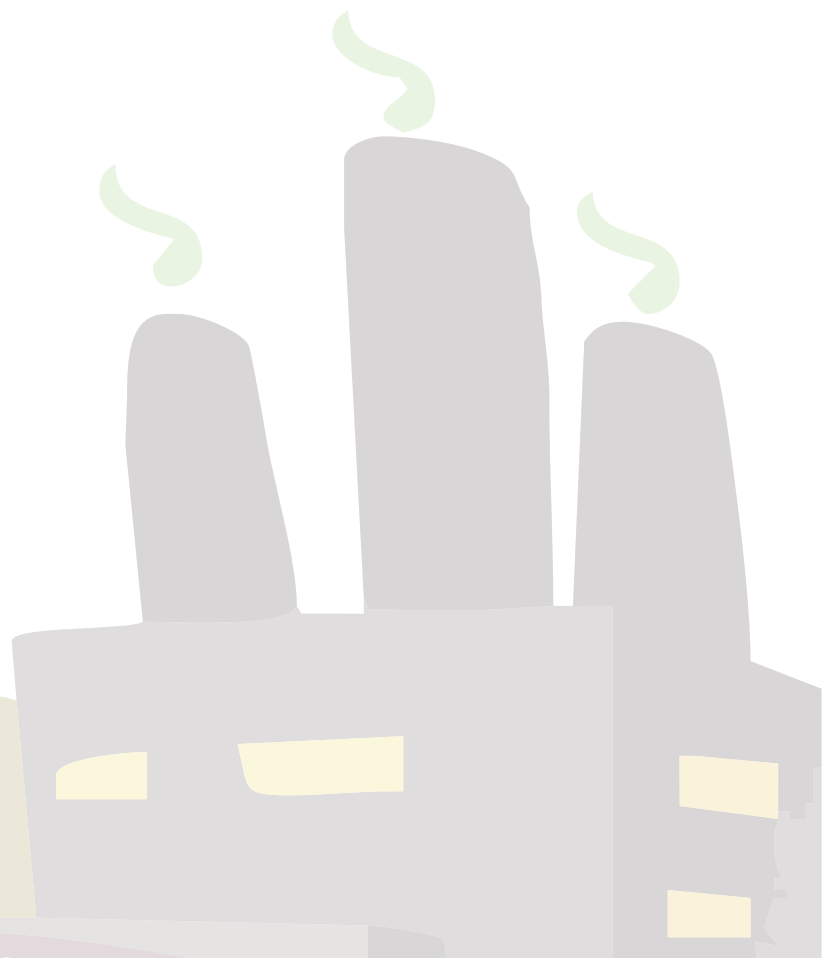
- Leadership Development Training
- Principles of JIT and Pull System
- Elimination of Waste

Sustaining and Improving

- Gemba Kaizen – Visual Management
- Kaizen Workshop - Creating Continuous Flow
- Level production schedule – schedule attainment

Activities Based Training

- 5S – Workplace Organization
- Value Stream Mapping
- Information Centers& Daily Walk-About Process
- Visual Controls
- TPM – Total Productive Maintenance
- Set-up Time Reduction/Quick Changeover
- Standardized Work
- Implementing Material Flow – Kanban System



Six Sigma Certification Program



“ It is the mark of a truly intelligent person to be moved by statistics ”

Who can attend?

Engineering Managers, Manufacturing Executives, management professionals, Finance and Operations managers, Organizational leaders, Management Students and aspiring engineers

Key Take Aways

- Structured management approach for six sigma implementation
- A suite of core management skills
- A set of simple yet effective working tools
- Ability to inspire deployment of Six Sigma

Do these situations apply to you

- You lead a team that is hesitant to change
- You want to top-down on implementing six sigma in your organization.
- There is lack of focus on where to improve
- There are too many presentations made but fewer changes in real performance.



Then this is the programme for you



What is Unique?

Data based decision making is a mandatory need in today's competitive environment. At IRIM we conduct six sigma programs that are largely focussed on real world examples and industry case studies.

Programme Contents

Introduction to Six Sigma

- History of Quality (Deming, Juran, JIT, Ishikawa, Taguchi, etc.)
- Evolution of Six Sigma
- Defining Six Sigma – philosophy and objectives
- Overview of Six Sigma DMAIC process
- Stakeholders & Setting up a Six Sigma Project

The DMAIC process

- Define
- Measure
- Analyse
- Improve
- Control

Identifying and Documenting stakeholder requirements

- Identifying stakeholders and customers
- Data collection and analysis
- Determining critical requirements
- Project Selection Criteria

Case Study and role plays

Identifying performance metrics

- Using Financial criteria to evaluate project benefits
- Maximizing project benefits for the organization
- Project Planning



Manufacturing Project Management



“The project manager is expected to integrate all aspects of the project, ensure that the proper knowledge and resources are available when and where needed, and above all, ensure that the expected results are produced in a timely, cost- effective manner.”

Who can attend?

Engineering Managers, Manufacturing Executives, management professionals, Finance and Operations managers, Organizational leaders, Management Students and aspiring engineers

Key Take Aways

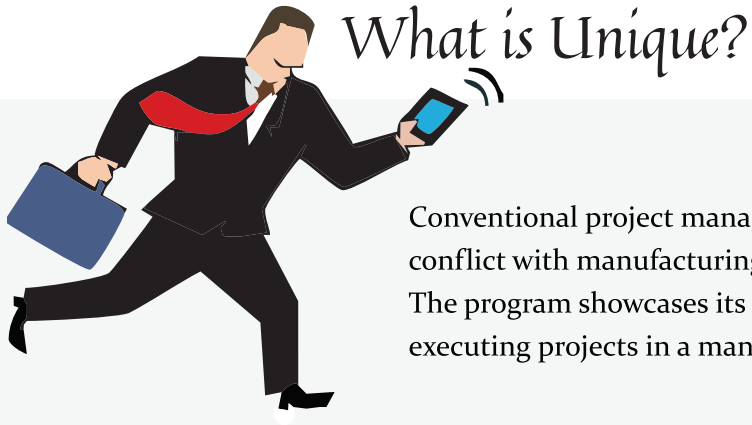
- ⇒ Structured management approach for project management
- ⇒ A suite of core management skills
- ⇒ A set of simple yet effective working tools
- ⇒ Ability to inspire deployment of Project Management

Do these situations apply to you

- ⇒ You lead a team that is hesitant to change
- ⇒ You want to top-down on implementing project management in your organization.
- ⇒ There is lack of focus on where to improve
- ⇒ There are too many presentations made but fewer changes in real performance.



Then this is the programme for you

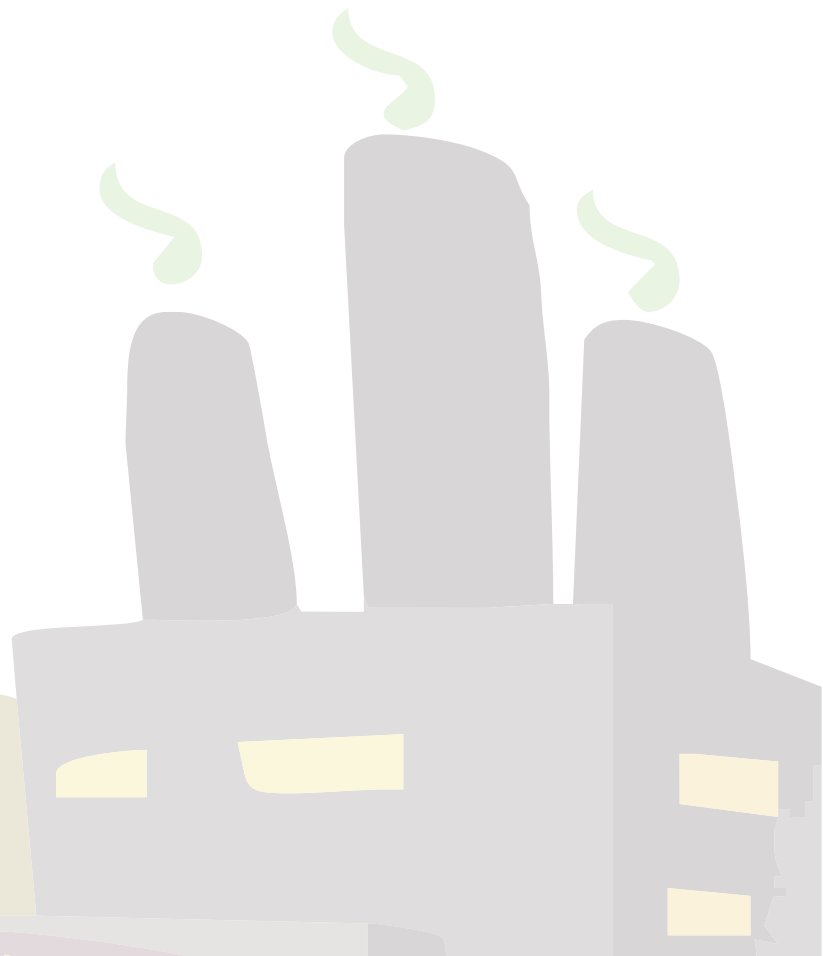


Conventional project management principles are usually found to conflict with manufacturing ideas of product and process maturation. The program showcases its participant's finer nuances of successfully executing projects in a manufacturing environment.

Programme Contents

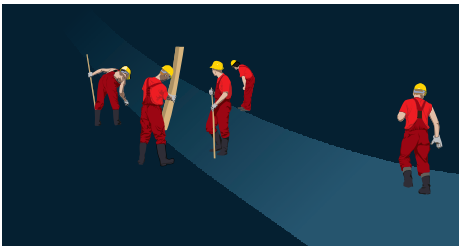
Introduction to Six Sigma

- Introduction - The project life cycle
- Needs identification
- Developing a project
- Project planning
- Scheduling & schedule control
- Resource consideration
- Cost planning and performance
- Project leadership
- Project teams
- Project communication and documentation
- Types of project organisation
- Computer application



What our Participants Say (in their own words)

Managing Focussed Improvement Initiatives



It was a pleasure to learn the different tools for improvement of projects in the industry. I have been trying to use these tools in practice also.

Madhu Reddy-ARAI

Thank you for the interactive workshop. We had fun as well there was a lot to take back from the workshop. The summary of the workshop helped me set short and long term goals in my project back at my plant.

**BhaskarRaghunathan-Ford
india**

I enjoyed the training program completely. It was very useful to sharpen the skills in niche topic that were covered in the 3 day course. I hope in the future will be some more programmes like this.

Santosh Philip-Mahindra

Manufacturing Competitiveness Assessor Program



The two day session was very good and useful. The simplicity of the program was the biggest plus. Surely this will be helpful in our day to day operations.

**Pradeep Anthony Roy- ACC
cements**

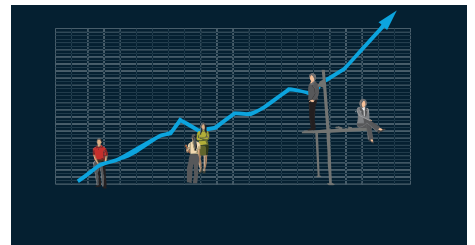
On behalf of all the participants in the workshop. I would like to thank IRIM, who were exceptional in training us on presenting structured management approach. I would also like to thank my company for giving us an opportunity to learn something very interesting which helps us come back to the company and make changes that would lead to growth of the company. I am also to say that the training has given me enough insight to help me work on my company for the competitiveness award.

Bharat Ranka - Vendanta

After the completion of the two day session I was ready to present a growth strategy that did make an impact on the planning process for the assessment for NAMC.

**Vasanth -Johnson and Johnson
india**

Lean Manufacturing for Leaders



The workshop in Pune was really a great learning to me. The way the entire session was conducted and it got advanced throughout was also outstanding. I strongly found the modules given by you are very useful. Thanks a lot for your very valuable workshop.

Kumar Ramaswamy- BHEL

It was indeed a pleasure to attend IRIM's professional competitiveness development program. I found the course content well structured, very interactive and interesting. Good learning on few concepts of how to lead a team which is hesitant to change.

Ronak- India Cements

The workshop content was well laid out and it was two brilliant days of learning and interaction. The training was indeed very useful in clearing perspective on structured management approach for lean.

Abinay Suresh- L&T

Six Sigma Certification programs



Thanks lot for the useful training programme. We have learnt and understood about the DMAIC process.

Vikram Singh- Student

Thanks a lot for the useful training on six sigma green belt and black belt training time to time. We have learnt and understood the analysis and techniques using the available resource.

MubeenMeeran-Student

I am thankful to you for giving us useful, knowledge and practical training, which will help us in our professional life.

AshwantDuraimohan-Student

The training sessions were run for a very small group of professionals which made it very involving. We will definitely put these concepts and tools learnt from you into our day to day activities and achieve better results. Appreciate the efforts.

Shankar Narayanan - Tata

Manufacturing Project Management



It was a pleasure undergoing training under your expert guidance and we really appreciate your proficiency on the subject. The presentation and materials provided were very useful and the case studies of member companies in IRIM was of great knowledge.

Thomas Williams-Zuari cement

The subject matter experts of the IRIM competitiveness committee was very helpful by providing us with real facts and figures of management issues that we being worked on real time.

Senthil Kumar-Bosch

Global Representation

Australia • Hong Kong • Malaysia • India • Singapore • Srilanka • UAE • UK • USA



Contact Us

Vikram Sivalingam

International Research Institute for Manufacturing

No.3/8A, 13th Avenue, Harrington Road, Chetpet, Chennai-600031

Phone : 044-32903209

Email : training@iringlobal.com