Excellence Learning Center
An ISO 9001:2008 Organization

We invite you to attend/nominate your executives for this important seminar on

PRODUCTION PLANNING & CONTROL

On 8’th and 9’th August 2011 (9.30 a.m. to 5.30 p.m.)
at HOTEL SAGAR PLAZA,
Opp. SGS Mall, Near Nehru Memorial Hall, Camp, Pune 411001.

Please Reply only to Email: registration@elc.co.in, or arvind.navadikar@elc.co.in, or navadikar@vsnl.com.

Introduction: - The objectives of Production Planning & Control is to plan & execute based on Market Demand Forecast, Available Production Capacity, Available Production Technology, Raw Material and Components in Stocks, and Suppliers Capacities to supply, so that company can timely deliver value to Customers. SCOR Model of Supply Chain Council USA also emphasizes Planning as one of the important Business Process required for Successful Supply Chain Management. We need to Plan Sourcing, Plan Making, & Plan Delivering, continuously in SCM Era. Sales & Operations Planning (S&OP) connects Strategic Plan & Business Plan to Operational Plans. S & OP develops Sales Plan for Marketing and Production Plan for Production Planning & Control function.

World Class Planning & Control Hierarchy deals with Production Plan, Master Production Schedule (MPS), Material Requirement Planning (MRP), Production Activity Control (PAC) on shop Floor under Priority Management Techniques, and Resource Planning, Rough-cut Capacity Planning, Capacity Planning Input-Output Control, Operations Sequencing under Capacity Management Techniques. Effects of Good Production Planning can be seen in Timely Deliveries, Timely Feedback to Customers, Reduced Inventory, Improved Availability of Finished Products for customers, in Product Layout, Process Layout and Project Layout. In some companies Production Planning & Control (PPC) is called as Manufacturing Planning (MPC). Production Planning & Control has great role in implementing Just-In-Time (JIT) or Just-In-Sequence (JIS) Material Flow in the companies. The Principles and Best Practices of Production Planning & Control is necessary for initiatives in Lean Management which focus on Teamwork, Communication, Efficient use of Resources, Elimination of Waste, and Continuous Improvement.

This training programme is designed to meet needs of the Industry to Plan the Production to meet changes in today’s Market Scenario, meet customer’s demand and Reduce Inventory. It covers all aspects of Planning & Control Hierarchy like How to make Production Plan with Demand Chase Strategy & Level Production Strategy, How to prepare Master Production Schedule, How to workout Material Requirement Planning, How to Load Shop Floor effectively based on Capacity Management Techniques.

Participant Profile: - This Executive Development Programme is for all Supervisors, Managers and Executives from all functions across the Supply Chain, Production Planning, Purchase, Stores, Inventory Planning, to support Organizational Initiatives for Lean Management.

Course Contents-
1. Introduction to Production Planning & Control, Differences among manufacturing processes, SCOR Model of Supply Chain Management, Importance of planning, Planning and control system, Planning hierarchy Manufacturing resource planning, Effects of Good PPC, Functions of PPC, Factors influencing PPC, MRP-MRPII-ERP, Factors influencing demand, Basic demand patterns, Basic principles of forecasting, Principles of data collection, Basic forecasting techniques, Seasonality, Sources and types of forecast error,
2. Overview of Sales & Operation Planning (S&OP), Rough-Cut Capacity Planning, Production Plan, Level Strategy and Demand Chase Strategy, Purpose of a master production schedule (MPS) and relationship to the production plan, MPS and rough-cut capacity plan, Relationship of the MPS to sales and the ability to promise delivery. Available to Promise (ATP), ATP-Cumulative, ATP-Non-Cumulative, MPS and Production Batch Quantity, Demand Time Fence, Planning Time Fence,
3. Group Work to develop Master Production Schedule
4. Nature of demand and use of material requirements planning (MRP), The MRP process Purpose of bill of materials, Different bill of materials formats, Lead time, exploding, and offsetting, Order planning and control, Other

FACULTY
Arvind Navadikar,
CSCP, APICS USA,
Director, Excellence Learning Center
Former Head, Supplier’s Supply Chain Development, SKF India Ltd,
Former National President, Indian Institute of Materials Management,
Recipient of National Award 2003-2004 of IIMM National Council Member, ISTD.
International Faculty Member of Global Programmes,
Advisor for India, Marcusevens, K.L. Malaysia

He has devised and conducted several Seminars,
Material Requirement Planning Processes.
5 Capacity management and its relation to priority planning. Rated or calculated capacity, Capacity required for a shop order, Purpose and activities of production, activity control (PAC), Process of order preparation and data requirements for a PAC system, Techniques of scheduling, Purpose of a shop order and necessary information, Implementation and control of work orders, Input/output reports,
6. Importance of good inventory management, Lean Management Concepts & Practices, Lean Tools, Learning from Toyota Production Systems, Push & Pull Concept of Material Flow, Just In Time Inventory, Types of Kanban, Determining Optimal Nos of Kanbans, Role of PPC in setting up JIT in Organization, PPC Contribution to improve Inventory Turnover Ratio,
7. Group Work on MRP & Scheduling Exercise
8. Activities of a physical distribution system, Pull, push, and distribution requirements planning, Physical distribution, marketing, and production relationships, Warehouse activities, Warehouse Cost Structure, Packaging Unitization, Transportation mode, Transportation cost structure.

**Summing up & Certificates Distribution**

<table>
<thead>
<tr>
<th>Fees &amp; Registration-</th>
</tr>
</thead>
<tbody>
<tr>
<td>The fee per participant is Rs.8000/- plus Service Tax @ 10% plus Education Cess @ 3% on Service Tax = Rs.8824/-. It covers Course Material, Programme Folder, Lunch, Breakfast, and Tea/Coffee during the programme. Fee is payable by Cheque (Participants from Companies outside Pune to pay by a DD, At Par Cheques or their Local Cheques with Rs. 50/- towards Bank Charges) in the name of ‘Excellence Learning Center’. We also accept online payments, we request you to please contact us for Bank Details.</td>
</tr>
<tr>
<td><strong>Our Service Tax Registration No. - AANPN7430LST001</strong></td>
</tr>
<tr>
<td><strong>PAN No. - AANPN7430L</strong></td>
</tr>
<tr>
<td>Kindly send your nomination on your letter head or e-mail indicating Name/s, Designation, Phone No, Fax No, and e-mail id of the nominees along with Fees at least 6 days in advance of programme dates to,</td>
</tr>
<tr>
<td><strong>Excellence Learning Center</strong></td>
</tr>
<tr>
<td>First Floor, Parth Complex, CTS No. 272/1, Sadashiv Peth, Near Navi Peth Talim, Pune 411030,India.</td>
</tr>
<tr>
<td>Phone No:- +91 20 32918429/ 65245697 Fax:- +91 20 24339296, Mobile:- +91 9823169803</td>
</tr>
<tr>
<td>e-mail:- <a href="mailto:arvind.navadikar@elc.co.in">arvind.navadikar@elc.co.in</a>, <a href="mailto:navadikar@vsnl.com">navadikar@vsnl.com</a>, <a href="mailto:registration@elc.co.in">registration@elc.co.in</a>, website:- <a href="http://www.excellencelearningcenter.com">www.excellencelearningcenter.com</a></td>
</tr>
<tr>
<td>Excellence Learning Center respects your online privacy, if you don’t wish to receive any such communication from us, please send a blank mail with word REMOVE in the subject to <a href="mailto:registration@elc.co.in">registration@elc.co.in</a> or <a href="mailto:arvind.navadikar@elc.co.in">arvind.navadikar@elc.co.in</a> or <a href="mailto:navadikar@vsnl.com">navadikar@vsnl.com</a></td>
</tr>
</tbody>
</table>