

About Us

Institution was set up by Punjab Government under Punjab Technical University as a school of excellence in Total Quality Management (TQM). Launched by HE Dr. APJ Abdul Kalam, then President of India in Dec 2003, the School was inaugurated in May 2004 by then Governor of Punjab Justice O.P.Verma (Retd.).

Our Activities

Following are the present activities of the School.

1. B.Tech. Program

A program offering B.Tech in Industrial Engineering and Management with specialization in TQM for working diploma engineers and science graduates. Program brochure is enclosed.

We have extended our presence in NCR region by starting this program in current year in collaboration with Maruti Centre of Excellence.

2. North West QualTech Awards

We institutionalized North West QualTech Awards, in 2004, for recognizing the Quality improvement initiatives of industry. It is an open competition for both service and manufacturing organizations. More than 170 teams from leading organizations of the region have participated in the last five conventions. Program brochure is enclosed. Eminent personalities from the industry are called as key note speaker for the event. For the awards of year 2008, Dr. Krishan Kumar, Director, Maruti Centre of Excellence was key note speaker.

3. Consultancy & Training Services

The Institute provides consultancy and training services to corporate for improving operational efficiency, productivity and management performance. These service were started in November 2006 and covers areas like lean management, TQM/ Six Sigma, Supply Chain Management, soft skill development programs, etc. Consultancy team comprises of top notch consultants with vast industrial experience in these areas.

● **Lean Manufacturing (Consultancy & Training)**

- Transparent Work Place- 5S
- Identifying Waste - Value Stream Mapping
- Efficient Workplace-TPM
- Putting Smile on customer's face – Waste Elimination
- Kill Problem at Source-Poka-yoke
- Making difference with small steps - Kaizen
- Do more with less -SMED
- Eliminating buffer of time & space-JIT
- Managing Flow – Cell Manufacturing
- Getting ahead of competition-Cycle time reduction

- **Total Quality Management (Consultancy & Training)**
 - Problem Solving and Quality Improvement Tools
 - Statistical Process Control – Process Capability Analysis and Control Charts
 - DMAIC- Six sigma
 - Failure Mode and Effect Analysis
 - Advance Quality Tools
 - Taguchi Methods/Design of Experiment
- **QMS/EMS (Escort Services and Internal Auditor Training)**
 - ISO-9000
 - ISO-14000
 - TS-16949
 - HACCAP
- **Others (Consultancy & Training)**
 - Balanced score card
 - Productivity Improvement
 - Supply Chain Management
 - Inventory Management
 - Safety, Health & Environment
 - World Class Manufacturing
 - Plant Layout
 - Material Handling
 - Manpower Study and Assessment
 - Organization restructuring
 - BPR (Business Process Reengineering)
- **Soft Skill (Training Only)**
 - Personnel Management for Line Managers
 - Effective Communication
 - Team Building
 - Creative thinking & innovation
 - Effective Supervisory skills
 - Managerial Skills
 - Right First time, right every time- Building Quality culture
 - Presentation skill
- **Workshop Based Training Programmes**
 - Total Quality Management (TQM)
 - Lean Management
 - World Class Manufacturing
 - Six Sigma
 - Total Productive Maintenance (TPM)
 - 5S

Client Industries

- Electronics
- Bus body builders
- Bathroom fittings & accessories
- Orthopaedic soft goods and rehabilitation aids
- Knitwear
- Automotive components
- Textiles
- Plastic moulding
- Battery
- Fasteners
- Foundry (Ferrous & Non-ferrous)
- Paper
- Watch Component
- BOPP manufacturing
- Food Processing
- Pharma
- Machine tools

Brief Resume of Consultants involved in Lean Manufacturing

Vijay Kapoor, Principal Consultant

B.E. & MBA, with over 36 years of experience in industry, encompassing areas like Industrial Engineering, Project Management, Quality Management, Technology Transfer, Manufacturing Engineering, Performance based Incentive system, Inventory Management, etc both in Process & Engineering Industry. Operational Efficiency improvement through Lean Manufacturing Practices, Plant Layout, Material Handling, Standardization of work practices, etc are his strong points.

As Head of Consultancy division of the School, he has handled more than 15 assignments over last one & a half year. He has held training sessions in various organizations on Quality Improvement Tools, Material Handling & Layouts, Materials Management, Productivity Improvement Planning, Lean Manufacturing & others.

Prior to joining PTU's Gian Jyoti School of TQM and Entrepreneurship, he was COO (Chief Operating Officer) at Time Technoplast Ltd., a Rs. 600 crore group. Have earlier worked with groups like Shriram (DCM), JK, LML, Swaraj (Swaraj Mazda), etc. He is currently engaged in leading various training and consulting assignments of the School, focusing on Structured Quality Improvement, Cost Reduction, Productivity Improvement and Operational Efficiency Improvement.

Naresh K Chawla, Sr. Consultant

Sh. Naresh K Chawla is a management consultant, with 18 years of experience, having a sound operational management background. He holds a bachelor's degree in Production Engineering and has done his masters in Industrial Engineering. His experience is spread over diverse industrial segments, like Manufacturing, Energy and Power, Leather, Textile, Automotive, Railways, Bicycle, FMCG etc. with varied cultural pattern such as MNCs, PSUs, Corporate, SMEs, Co-operative, clusters etc.

For major part of his career, he was with National Productivity Council of India as a Sr. Consultant. During his stint with NPC, he has provided consulting and training services to more than 50 organizations of this region. He has lead and executed complex projects on times. Most of his experience is related to Productivity Improvement, Cost reduction, Process Improvement, Institutionalizing Small Group Activities, Performance Management, Quality Management (TQM/ISO/SPC), six sigma, lean manufacturing and organization restructuring.

He has received advance training in Production Management & Information Systems and Kaizen Management from Asian Productivity Council, Japan. He is trained in World Class/Lean Manufacturing practices (5S, TPM, Cell Manufacturing etc.), six sigma tools and other latest advancements in the manufacturing management. He is also a certified business councilor.

He started his career with Vardhman group as Industrial Engineer. Prior to joining the consulting division, he was heading Quality and Engineering function at Watch Component Group of Saboo business group.

Mr. Vinod Bhardwaj, Senior Consultant

Has more than 38 years of varied experience in manufacturing and quality related function in Sylvania, HMT, GE, Phillips and Bajaj Electricals. He was heading & driving Business Excellence activities at Philips. He has been a guest faculty at NITTR , ETDE & NPC. He has also been consultant for courses conducted under "Deutsche Gesellschaft fur Technische Zusammenarbeit (GTZ) GmbH Germany at ETDC. An active practitioner at various units of Philips in their shop floor Management Programme which is designed on good practices of manufacturing derived out of Six Sigma and Lean Manufacturing.

5S champion at Philips India, Mohali Plant. Conducted company wide training program and shouldered direct responsibility for implementation of 5S.

Anil Nanda, Sr. Consultant

A Production Engineer from Punjab Engineering College Chandigarh, with a rich experience of 35 years in industry. He worked as Head of Industrial Engineering with M/s Punjab Tractor Mohali for over 9 yrs., and was Head of Design, Development Production Planning and Manufacturing of Light Alloy Casting at M/s Goetze India Ltd. (Now Federal-Mogul India Limited) for over 21 yrs. He retired as General Manager from Goetze India, Patiala.

He has been trained in Germany on Quality Systems and Shop floor practices. Being at the senior management positions, his main role was to provide direction and leadership for achieving growth and profitability by adopting best industrial practices.

He has been conducting training programs and consulting engagements in the areas of Quality Improvement, Productivity Improvement, Lean Management and Cost Reduction.

5S Champion and Facilitator at Goetze India, Patiala. Directly responsible for training many teams and implementing 5S programs company wide.

Devendra Singh, Sr. Consultant

A Mining Engineer with over 35 years experience in Training, Marketing and TQM. Served in various companies such as Escorts Tractors Limited, Eicher Tractors India Limited and Punjab Tractors Limited. Retired as DGM-Training from Punjab Tractors in 2002. Undergone extensive training in TQM from Qimpro Consultants, Mumbai. A silver standard winner from Qimpro. With PTU's Gian Jyoti School of TQM since June 2005. Was extensively involved in coordinating Quality Improvement activities at the corporate level in Punjab Tractors.

He has been conducting training programmes on Juran Quality Improvement, Cost of Poor Quality, Quality Improvement Tools and Problem Solving. Expert in Total Quality Management and facilitation of Quality Improvement Projects.

Brig. Surinder Singh (Retd.), Sr. Consultant

A graduate and PG in Electronics Engineering from IIT Delhi. Has over 35 years experience in general management. Has conducted number of workshops in various areas. Specializes in area of project management and training & development in TQM, communication skills, leadership & motivation.

Col. S. S. Sibia (Retd.), Sr. Consultant

M.Tech in Industrial Engineering & Management from IIT, Kharagpur. Served the Indian Army for 31 years and held a number command and staff positions, including GM production in an Army Base Workshop. While on deputation with DGQA was responsible for quality assurance of guided weapons. A qualified lead assessor and a specialist in imparting training for ISO 9000 and ISO 14000 Management System implementation and certification.

Viney Davessar, Sr. Consultant

He is a Graduate Engineer from Thapar Institute of Engineering, Patiala, with over 23 years of industrial experience. He has worked with Fedders Lloyd, JCT Electronics and Kamla Dials at senior management level. His areas of specialization are quality assurance and establishing quality systems. He has also undertaken projects in quality and environmental improvements.

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