



**PTU's**  
**GIAN JYOTI SCHOOL OF**  
**TQM & ENTREPRENEURSHIP**

*PTU's 1<sup>st</sup> School of Excellence  
& Constituent Unit*

P R O S P E C T U S

# Executive **MBA**

*for Competitive Advantage*



**PUNJAB TECHNICAL UNIVERSITY**

# Get a world-class MBA Without leaving your job .....

In today's revolutionary rate of technological advancement and intense global competition, working professionals need to constantly upgrade their educational qualifications and skills. Striking a balance between work, family and self is a challenge that they must meet so as to move up the career ladder.

Recognising this emergent need, Punjab Technical University, in conjunction with its First School of Excellence, PTU's Gian Jyoti School of TQM & Entrepreneurship, has launched an India-specific but globally relevant Executive MBA programme, for working graduates.

Through the Executive MBA, which has a strong focus on Competitive Advantage, the School intends to equip learners for higher levels of responsibility in a global work environment. The program has a result-oriented curriculum, designed specifically for high-potential working executives, for developing advanced leadership capabilities. A combination of on-campus and on-the-job learning provides greater learning flexibility, without disturbing work and personal commitments. Teaching concepts and tools are radically different from regular programmes and are immediately actionable in the real business world.

## CONTENTS

Punjab Technical University	2
About us	4
Governing Council	6
Programme Highlights	7
Programme Structure	8
Programme Delivery	10
Excellent learning environment	11
Faculty	12
Admission information	13
Examinations	15
Other rules & regulations	16
PGSTE – Key Initiatives	17
B.Tech. (Industrial Engg. & Management (Spl. in TQM)	
Consultancy Services	
Executive Development Programmes	
North-West QualTech Awards	



# PUNJAB TECHNICAL UNIVERSITY

**E**stablished in 1997 by Punjab Government under a special Act, Punjab Technical University (PTU) is an affiliating university dedicated to enlargement of technical education in the State and modernizing it to meet the changing needs of industry and business. The university is entrusted with the responsibility of developing the new generation of technical manpower which can spearhead the development of the State, so that it can speedily integrate with the fast-changing global economy.

The University has, under its affiliation 379 Colleges offering courses in Engineering, Management, Pharmacy, Architecture, Hotel Management, Medical Lab Technologies and IT disciplines. It has a total strength of more than 3.25 lakh students. To serve the evolving needs of a globalising country, new courses are introduced as per needs. The main focus of the University at this time is on the area of professional, skill-oriented technologies.

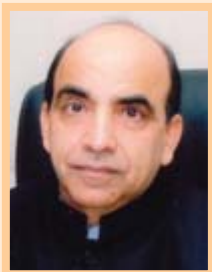
The university has established its First School of Excellence as its constituent institute, PTU's Gian Jyoti School of TQM & Entrepreneurship, at Mohali.

Recently, the university won the award for being the best ICT enabled university in the country and the best Open and Distance Learning Initiative of the year at the prestigious e-INDIA 2010 Awards organised in association with Department of Information Technology under the Ministry of Communications and Information Technology, Government of India.

Degrees awarded by PTU are widely accepted not only in India but amongst various International Universities and Colleges.



**from  
Vice-Chancellor's desk**



*Dr. Rajneesh Arora  
Vice-Chancellor  
Punjab Technical University*

I am delighted at the launch of the Executive MBA by PTU's Gian Jyoti School of TQM & Entrepreneurship – our first School of Excellence. This new initiative of the School comes against the backdrop of the highly successful, application-oriented B.Tech. programme in Industrial Engineering and Management with specialisation in TQM.

The Executive MBA is an innovative programme designed specifically for experienced professionals who wish to advance their career.

I am confident that the School, with its strong linkages in industry and with its expertise in such programmes, will provide an excellent opportunity to working executives to acquire an MBA degree that has been structured to meet the requirements of performing effectively in today's highly competitive environment.

I wish the School all success in conducting this prestigious programme of the University.

**from the desk of  
Principal Secretary  
Technical Education, Punjab**



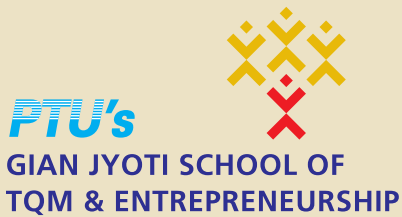
*Suresh Kumar, IAS  
Principal Secretary,  
Technical Education, Punjab  
and  
Member, Governing Council*

Punjab Technical University has achieved substantial success in expansion of technical education in Punjab. From 9 affiliated colleges, it has risen to 379 affiliated colleges. In addition, there are more than 2000 Distance Learning Centres being run by the University.

The launch of Executive MBA programme at PTU's Gian Jyoti School of TQM & Entrepreneurship (PGSTE) is expected to fulfill a long-felt need of working professionals in this region. The programme will prepare working professionals for taking on increased responsibilities and sharpen their skills, besides enhancing their leadership effectiveness.

By now, PGSTE is known for its application-based programmes which emphasize actionable knowledge based on experiential learning and analysis of real-life situations.

We look forward to welcoming you into our MBA community and working together to assure your professional growth.



*PTU's First School of Excellence  
&  
Constituent Unit*



**P**TU's Gian Jyoti School of TQM & Entrepreneurship (PGSTE), founded in 2003, provides lifelong learning and career development for self-motivated individuals to enable them to lead change in the workplace, the community and society.

Spread over a spacious 2.5 acre campus in the Knowledge Hub of Punjab, Mohali, (next to Chandigarh), we offer post-graduate, graduate and certificate programs. We also offer Executive Development programs and Consultancy to corporate and government organizations in the fields of Business Management, Industrial Engineering, and Total Quality Management (TQM).

## **Our strengths**

### **Focus on working professionals**

We specialise in leading-edge applied and professional programs for experienced professionals. Our learning model enables working professionals to pursue education with minimum disruption to their work or home life, while providing ample opportunity for building valuable social networks with faculty and peers.

### **High quality education**

We are known for delivering high quality education that actively engages learners in a collaborative learning environment. All our programs also focus on building quality as a key component of work culture.

### **Top-calibre faculty**

Our faculty comprises distinguished academicians with rich industry experience and leading professionals from the corporate world. A combination of their scholastic and practical approach helps groom the learners in to future business leaders.

### **Strong industry-academic interface**

Working closely with industry in the region, we have emerged as a leading centre for consultancy and training, assisting the corporate sector in improving its operational efficiency, productivity, and profitability. We conduct many short-term and certificate programs tailored as per industry needs.

### **Excellent infrastructure**

State-of-the-art infrastructure provides a conducive learning environment.



### from chairman's desk



*Chandra Mohan*

Executive MBA (for Competitive Advantage) is the second initiative of our School for grooming young professionals to become drivers of the growth of their organisations. This application-focused programme has been developed by the best of practicing managers and experts. How to apply latest techniques in your own work-situations, in whichever organization or field you are, has been its total aim and focus.

I am confident that this course, like all our other programs, will receive an overwhelming response from industry and fulfill aspirations of all executives who aspire to hone their managerial skills and achieve success in their career.

I hope you will enjoy the Programme, which has been specially designed to see that you can pursue it without disturbing your career or family life.

### from CEO's desk



*Manish Trehan*

Application-focused learning for working executives has been at the core of all our programmes since inception. Our B.Tech. in Industrial Engineering & Management (Specialisation in TQM), our Sandwich TQM Workshops and our short-term programmes, all are dedicated to our mission of raising global competitiveness of Indian business. Intense interaction with industry has brought into focus the need for this contemporary Executive MBA programme, focused on Competitive Advantage.

A rich collaborative culture – blend of academics, industry interface and continuous innovation – makes the School a wonderful place to learn.

I extend a hearty welcome to all of you who enroll for this programme and assure you a professionally rewarding and unparalleled academic experience, which will bring lifelong competitive advantage to you and your organisations.

# GOVERNING COUNCIL



## Chairman

### **Chandra Mohan**

Chairman, Board of Governors,  
PEC University of Technology  
& formerly, Vice-Chairman & MD,  
Punjab Tractors & Swaraj Group

## Members

**Suresh Kumar, IAS**  
Principal Secretary,  
Technical Education, Punjab

**Er. H.S. Bains**  
Registrar,  
Punjab Technical University

**Dr. O.P. Bajpai**  
Director,  
University Institute of Engg. & Tech.  
Kurukshetra University

**S.C. Bagrodia**  
Chairman,  
Winsome Group of Companies

**S.K. Talwar**  
Advisor,  
Philips Electronics India Ltd.

**J.S. Bedi**  
Chairman,  
Gian Jyoti Institute of  
Management & Technology

**Ranjeet Bedi**  
Educationist

**Dr. Aneet**  
Dean Academics,  
Gian Jyoti Institute of  
Management & Technology

## Member Secretary & CEO

**Manish Trehan**  
B.E., MBA (IIM-A)

*PGSTE's Executive MBA program is designed for working professionals looking for an experience that will expand their views and expose them to different perspectives about business, strategy and management."*

**SC Bagrodia**  
Chairman,  
Winsome Group of  
Companies



## Programme objective

To transform working graduates in to leaders of change by:

- Developing their managerial and leadership capabilities.
- Sharpening their ability to think critically and communicate clearly.
- Enhancing their conceptual and interpersonal skills.
- Inculcating a habit of thinking creatively and innovatively.
- Imparting knowledge of world-class business practices and gaining a global perspective.

## Unique features

1. World-class curriculum adapted for application in India
  - Curriculum developed by experienced academicians and practicing managers.
  - Blended with real-life experiences of successful business leaders and entrepreneurs from India and abroad.
2. Focus on “doing”
  - Internalisation of principles and processes through practice, reflection and repeated application of learning at own work-place.
  - Use of modern IT tools to collate and analyse data for decision making in an uncertain environment.
3. Stress on inculcating ethics and values.
4. Emphasis on personality development, team-work and soft skills
  - Well-structured courses in each semester to make a visible impact in work-place.
  - Focus on enhancing self-confidence and changing attitude to work.
5. Convenient to pursue
  - No dislocation of career, family life or income.
  - Flexible options for learning: Classes in evenings or on weekends.
  - Affordable fee: Due to non-profit charter of the school.



Building upon the tradition of excellence at the School, the Executive MBA Program gives executives the tools and perspectives they will need to lead their organizations into the future. Assisted by our internal and external faculty, we have evolved this course which provides an intersection between the world of academic disciplines and the world of business practice.

***Brig. Surinder Singh (Retd.), Dean Academics, PGSTE***

# PROGRAMME STRUCTURE



## Programme overview

Degree	:	MBA (Executive)
Specialisations	:	Marketing, Finance, Operations, HR
Duration of programme	:	2 Years (Four Semesters)
Duration of semester	:	18 weeks + 2 weeks for exams
Total no. of courses	:	27 (including 6 seminars / workshops and 1 project)

## Programme content

Development of Competitive Advantage demands a strong foundation in key managerial concepts, their current and upcoming practices, as well as a deep understanding of its functions. The proposed study structure has been developed on this basis.

Salient features of the Study Scheme are:

- In the first three semesters, the students will study 7 courses including 1 course each based on Seminar and Workshop.
- Workshops will be on practical subjects, i.e., Research Methodology, Communication Skills and Team Building & Leadership.
- Seminars shall be on contemporary issues such as Ethics & Values, Corporate Social Responsibility, Creativity & Innovation and Entrepreneurship.
- The focus in the first year will be on imparting general management knowledge in various functional areas including Marketing, Finance, HR, Operations & Quality, and Business Economics.
- In the fourth semester, students will choose an area of specialization out of: Operations, Marketing, HR, and Finance.
- Four elective courses will be offered in each specialization. The students may choose any three of the four electives offered.
- The fourth semester shall include a Major Project.
- Case-study method will be given due importance.

*PGSTE, with its application focused curriculum and a meaningful industry-academic interface, stands out as an institute providing an excellent platform to working professionals to upgrade their education. Inculcating the habit of quality at work and in life helps the learners add value to their over all performance.*

**PK Verma**

Director-HR & Mgmt. Services  
ALCHEMIST Group

## Study scheme

### SEMESTER - 1

MBAE 101 - Practices of Modern Management  
MBAE 103 - Customer, Competition & Quality  
MBAE 105 - Managing the Human Dimension - I  
MBAE 107 - Managing the Financial Dimension - I  
MBAE 109 - Statistics for Business Decisions  
MBAE 111 - Seminar on Management Philosophies & Concepts  
MBAE 113 - Workshop on Communication for Professionals

### SEMESTER - 2

MBAE 102 - Managing the Economic Dimension  
MBAE 104 - Managing the Marketing Dimension - I  
MBAE 106 - Managing the Financial Dimension – II  
MBAE 108 - Managing the Operations Dimension  
MBAE 110 - Managing the Information Dimension  
MBAE 112 - Seminar on Ethics, Values and CSR  
MBAE 114 - Workshop on Team Building & Leadership

### SEMESTER - 3

MBAE 201 - Implementing TQM  
MBAE 203 - Managing the Marketing Dimension - II  
MBAE 205 - Legal Aspects of Business & IPR  
MBAE 207 - Supply Chain Management  
MBAE 209 - Managing the Human Dimension – II  
MBAE 211 - Seminar on Creativity, Innovation & Entrepreneurship  
MBAE 213 - Workshop on Research Methodology

### SEMESTER - 4

MBAE 202 - Evaluating & Managing Projects  
MBAE 204 - Developing Competitive Advantage  
MBAE 206 - Elective 1  
MBAE 208 - Elective 2  
MBAE 210 - Elective 3  
MBAE 212 - Final Project

## *SPECIALIZATIONS - CHOICE OF ELECTIVES*

### OPERATIONS

MBAE 901 - Quality Management Tools  
MBAE 902 - Applied Operations Research  
MBAE 903 - Lean Management  
MBAE 904 - Six Sigma and Business Excellence Frameworks

### MARKETING

MBAE 911 - Customer Relationship Management  
MBAE 912 - Marketing of Services  
MBAE 913 - Product & Brand Management  
MBAE 914 - Emerging Marketing Trends

### FINANCE

MBAE 921 - Management Control Systems  
MBAE 922 - Management of Financial Services  
MBAE 923 - Financial Engineering  
MBAE 924 - Security Analysis & Portfolio Management

### HUMAN RESOURCE

MBAE 931 - Performance & Compensation Management  
MBAE 932 - Training and Organization Development  
MBAE 933 - Industrial Relations & Social Security  
MBAE 934 - Strategic HRM



Our exceptional programme delivery process integrates theory with practical experience using a combination of:

## **Classroom sessions**

Classes are held either in the evening or on weekends (Saturday and Sunday). Every course has its unique pedagogy depending upon its content so as to provide learning opportunities in the most effective manner. Contact hours for different subjects are adequately divided in lecture, group learning and case-studies.

## **Text books & study material**

Text books contain an ocean of knowledge. A working professional would find it difficult to read all the prescribed books. In our Executive MBA course, we provide a package containing only the essential textbooks and supplement these with study material prepared by top-class practicing managers and experts.

## **Case studies**

Management education is best imparted through case studies. We have largely selected cases from global and Indian business environment. Cases are current – and on issues that concern us most. We have also created a bank of globally relevant and India specific case studies to make the classroom sessions more interesting and meaningful.

## **Workshops & Seminars**

The curriculum includes 1 workshop and 1 seminar in each of first three semesters. During the workshops, the participants carry out designated theme-based tasks, which provides them opportunities for hands-on practice. This helps build team spirit and enhances leadership qualities. Seminars are on topics on which the participants come prepared. These are exercises in self-learning and also lead to improvement in communication skills.

*The way classes, assignments and the study material is prepared and delivered here, I don't think any other institute or programme in India is like it.*

**Parveen Kumar**  
Mahindra & Mahindra  
B.Tech.-IEM Student  
(July 2009 Batch)

## ***THEORY MEETS***

## ***PRACTICE IN CLASS***

## Assignments

To improve student understanding of the topic for application at work, each course is accompanied by carefully designed exercises and assignments. Because of their importance to understanding, a large percentage of internal assessment is based on assignments. For convenience of regular submission, they are modular.

## Projects

Besides minor projects in various courses/workshops, a final project in the 4th semester is part of the programme. The final project focuses on application of the principles, tools and techniques learnt during the programme. Projects may be selected in consultation with faculty from your own or from other organizations.

## Guest speakers

The School has built a strong network with business leaders and entrepreneurs of the region, who are invited to address the participants, as guest speakers. The experiences and perceptions of such eminent guest speakers from a variety of fields contributes much towards making the curriculum more wholesome.

## E-Counselling

At times, when career or family commitments preclude direct contact between facilitator and learner, e-communication helps overcome this barrier. 24x7 e-mail contacts are available for answering queries.



# EXCELLENT LEARNING ENVIRONMENT



It is fun to come and learn like a normal student with all modern gadgetry and comforts. My career has also got a boost owing to the practical knowledge gained in this institute.

Dalbir Singh  
DSM Anti Infeetives  
B.Tech.-IEM  
Jan., 2009 Batch

## Infrastructure

The School has top-class infrastructure and modern facilities which assist in conducting the various academic programmes. Class rooms are air-conditioned and provided with modern audio-visual systems, including LCD projectors. Special efforts have been made to ensure that the class rooms are spacious and well-lit to facilitate the learning process. The School also has an air-conditioned conference room, which is conducive to round-table group discussions.

## Great location

The tricity of Chandigarh, SAS Nagar, Panchkula and the adjoining industrial areas of Baddi and Parwanoo in Himachal Pradesh are bubbling with lot of manufacturing and service activities. Other than the rapid expansion in banking and insurance sector, IT parks too, have been established. Several companies including MNCs have also opened their regional offices in this area, which has become a major business hub in the country.

Chandigarh Administration has a vision to transform the city into 'Boston of India' while Mohali is destined to become the Knowledge City of India. Panchkula may soon be known as Nano City. In such a scenario, the demand for management professionals, with a focus on Competitive Advantage, is growing enormously.

## Library

School has an excellent Library, which has a large collection of books, journals and magazines. Textbooks and other books on Management, Industrial Engineering and TQM topics, reference books, case-studies etc. are available for lending or purchase. Membership of the library is compulsory for every student. Details of library facilities & rules, catalogue of books and periodicals, etc. is available on School website and updated regularly. Students can avail special discount on purchase of books from the school. A conscious and concerted effort is made to continuously update the e-content with the help of e-journals and e-books to facilitate e-learning.

# FACULTY

The School has a number of full-time and part-time faculty members comprising renowned academicians and top-notch consultants & practicing managers who bring real-life experiences into the class room to enhance learners' ability to relate concepts to real life situations. The diversity of interests among faculty ensures wide exposure to various facets of Learning and Management.

## Full-time

### **Trehan, Manish**

B.E., MBA (IIM-A)  
CEO

### **Singh, Surinder, Brig. (Retd.)**

M.Tech., F.I.E.T.E.  
Dean Academics

### **Sibia, J.P.S.**

B.Sc., MBA  
Head of Department (MBA)

### **Chawla, Naresh**

B.E., PG Diploma (Industrial Engg.)

### **Kapoor, Vijay**

B.Sc. (Prodn. Engg.), MBA

### **Kaur, Baljinder**

MBA

### **Prashar, Anupama**

B.E., MBA, M.Phil.

### **Singh, Saravjit**

B.E., MBA

### **Sibia, S.S., Colonel (Retd.)**

M.Tech., MBA

### **Saha, Suparna. S.**

M.A., PG Dip. (Personnel Mgmt. & I.R.)

### **Sachar, Bhushali**

M.A., PG Dip. (Personnel Management)

## Visiting

### **Aggarwal, Vimal (Dr.)**

M.Com., Ph.D  
Director,  
Gian Jyoti Institute of Mgmt. & Technology

### **Dewan, Gian Ishwar**

M.Sc. CAIIB, ACIB (UK)  
Consultant - Banking & International Trade

### **Dosanjh, Babita (Dr.)**

MA (Industrial Psychology), Ph.D  
HOD, HR Department  
Gian Jyoti Institute of Mgmt. & Technology

### **Gupta, Deepti (Dr.)**

M.A., M.Phil., Ph.D  
Professor, Dept. of English  
Panjab University, Chandigarh

### **Gupta, R.P. (Dr.)**

M.Sc., Ph.D  
Former Chairman, University Business School  
Panjab University, Chandigarh

### **Jerath, J.M. (Dr.)**

M.A., Ph.D  
Professor

### **Magazine, T.K.**

B.Com., PGDM  
Consultant-Supply Chain & Change Mgmt.

### **Verma, P.K.**

MBA  
Director - HR & Mgmt. Service  
ALCHEMIST Group



## Admission requirements

For entry to our Executive MBA, you must:

1. Be a graduate in any field from a recognized university with minimum 50% marks.
2. Have a minimum of two years of full-time experience, in an organization or self employed, wherein the management of people or resources is significant.

Additional professional qualifications will be preferred.

## Selection process

Our selection process is designed to identify talented professionals from a wide range of academic, business and cultural backgrounds who might gain from, and contribute to, our learning community.

As a result, while there are no formal admission tests, but our concern is with the potential of individual candidates, their interpersonal and team member qualities, academic achievements and the range and nature of their professional experience.

In order to assess these skills, we may ask you to write an essay outlining your experience and aspirations alongside of references supporting your work experience and academic record. We may also ask you to undertake a formal interview to discuss your achievements and aspirations. Selection will be based on all of these attributes.

Although they are not a standard requirement of our admissions process, strong verbal reasoning and numerical abilities are critical for the Executive MBA.

This programme is highly interactive and therefore requires a high level of competence in English speaking, writing, reading and understanding.

Additionally, you will need to be competent in MS word processing, the use of spreadsheets etc.

We will consider applicants who fall slightly below these standards if they are willing to undertake pre-session or additional study.

In any case, we would encourage you to visit the school as also to ask as many questions as you wish.

## Admission calendar

Last dates (without late fee)

Submission of Application Form (alongwith Admission fee, Application processing fee and registration fee)

July Batch: 19 Jun., 2011

Jan. Batch: 15 Dec., 2011

Payment of 1<sup>st</sup> Semester Fee

July Batch: 10 July, 2011

Jan. Batch: 10 Jan., 2012



## Admission process

Candidates need to fill in the application form enclosed with the prospectus, after confirming their eligibility as per the eligibility criteria. Please read the instructions, attached to the application form, carefully and enclose all required documents. To ensure completeness, please tick the Checklist attached with the application form.

Completed application forms are considered by the Admissions Committee as they are received. You are therefore encouraged to submit your application form and all the supporting documentation as soon as possible. Once all the requisite details are with us, you will be intimated about the date of interview.

Candidates, who are finally selected, will be intimated by e-mail as well as by post, through an intimation slip. They will be required to deposit 1st Semester fee within 10 days of receipt of the intimation of provisional selection or by due date whichever is earlier.

The numbers of seats for this unique programme are limited. Admission will be granted based on Selection process and on "First-come-First-Serve" basis.

Final admission to the programme will be subject to scrutiny of original documents by Punjab Technical University.

## How do I pay?

The fee must be paid before the start of the semester, as per the schedule specified by the School.

in case the student does not pay the fee during the specified time, late fee will be charged as per the policy of the School.

The one-time fee of Rs. 5,500 Admission fee, Processing fee and University fee is to be submitted along with application form. An additional Rs. 500 is payable towards the cost of prospectus, if downloaded from website.

Security of Rs. 3000 is to be paid along with 1<sup>st</sup> semester fee.

*Fee may be paid in cash or by DD in favour of **PTU's Gian Jyoti School of TQM & Entrepreneurship**, payable at Mohali / Chandigarh.*



### Fee Schedule

One-time:

Admission fee: Rs. 2,500

Security: Rs. 3,000  
(Refundable)

Per Semester

Semester fee: Rs. 29,500

*Charges for books & teaching material extra (Rs.3500 to Rs.5000 per semester).*



*Bringing together industry experience of the most promising managers of the region to teaching, PGSTE creates a learning process that stretches the mind, expands the leadership repertoire, and helps the executives improve their quality of decision-making, resulting in better performance. This is an ideal learning location for working professionals.*

**R P Sehgal**  
Director-Works,  
SML Isuzu Ltd.

## General

1. The University examination shall be held at the end of each semester as per the prescribed scheme of examinations and date sheet notified by the University.
2. It will be the responsibility of the candidate to collect all information regarding examination schedule, admit card and result etc. from the School's office. Students will collect the admit card at least one day before the commencement of the examination.
3. The School shall display on the website, the schedule of examination/date sheet etc. as soon as it is received from the University. The University will normally supply this information not less than fifteen days before the start of examination.
4. No candidate will be allowed to appear in the University examination without the admit card.
5. The medium of instruction and examination shall be English.

## Eligibility for examination

In order to be eligible to appear in any semester examination, the candidate must have his/her examination form submitted to PTU through the School, after meeting the following requirements:

1. Having remained on the rolls of the School.
2. Having attended not less than 75% of the aggregate scheduled periods in each prescribed course (Theory, Workshops, Seminars, Projects etc.).
3. Attendance shortage up to 10% in the total due to medical reasons, calamity or any other untoward reason may be condoned by the head of the institute subject to the condition that the candidate submits documents in support of the same.
4. Candidates, who do not satisfy the clauses as above, will not be permitted to write the end semester examination of that current semester. They are required to repeat the incomplete semester in the subsequent semester.

## Examination Forms & Fee

1. Examination forms will be accepted alongwith the examination fee.
2. Examination fee to be paid by a candidate is Rs. 700 per semester (included in the semester fee), to be paid on or before the last date.
3. The last date for submission of examination forms, along with the examination fee, is notified by the Registrar, Punjab Technical University.

## Reappear examination

### External reappear

If the student fails to score 40% marks in the external examination, he/she will have to reappear in the examination when it is held next.

In case of external reappear, candidates shall be required to submit their University Examination Forms, along with requisite fee, within 15 days from the date of declaration of the result, or the regular date for submission of examination forms for the end semester examination, whichever is later.

### Internal reappear

If the student fails to score 40% marks in the internal assessment, he/she will have to reappear in the internal assessment.

In case of internal reappear, candidates shall be required to submit Reappear fee to the School. This fee is per course. Reappear students will be issued assignments which they need to submit by due dates.

Additionally, they are required to submit their University Examination Forms, along with requisite fee, within 15 days from the date of declaration of the result or the regular date for submission of examination forms, whichever is later.

Reappear fee has to be paid for reappear in both internal and external reappear cases.



# OTHER RULES & REGULATIONS



*PTU's Gian Jyoti School of TQM Team is doing pioneering work and ASQ India would completely support in this mission.*

**Amit Chatterjee**  
Managing Director,  
American Society for Quality,  
India



*The industry-academic linkage through conducting various training programs, providing consultancy and recognition of Quality, makes PTU's Gian Jyoti School of TQM & Entrepreneurship an innovative institute. My compliments.*

**TPS Walia**  
Regional COO - North,  
Tata Teleservices Ltd.

## Student ID

On grant of provisional admission to the programme, by the School, each student shall be allotted a unique Student Identification Number (SID) for identification and for all correspondence with the School.

## University Roll Number

Each student will be allotted a University Roll Number (URN) by the University on his/her first admission to this programme. This will be his/her code during the validity of the programme.

## Identity card

Every student will be issued an identity card. The student is required to carry his/her identity card at all times during visits to the School and produce it whenever required.

In case of loss of identity card, a duplicate card shall be issued at a cost of Rs. 200 only.

The identity card is valid only for the duration of the programme for which a student has got the admission.

## Payment of semester fee

The fee must be paid before the start of the semester, as per the schedule specified by the School.

In case the student does not pay the fee during the specified time, late fee will be charged as per the policy of the School.

The fee is non-refundable in all cases.

## General conduct

A student is expected to observe the decorum while attending classes, tutorials, seminars, workshops and during written examinations.

University/School reserves the right to cancel candidature of a student if he/she acts in an unworthy manner.

## Revision of rules

University/School reserves the right of change/modification of rules, which will be applicable to all students, including those admitted earlier.

## Important note

While every effort has been made to ensure that the contents of this prospectus are accurate for the period indicated, the information contained herein is subject to change. Prospective students are advised to contact our Enrolment Team for current course schedules and tuition fee. For more information, visit our website at [www.tqmbizschool.org](http://www.tqmbizschool.org)

# KEY INITIATIVES

Commenced  
2005

**B.Tech.**

Industrial Engg. and Management  
(Specialisation in TQM)

Commenced  
2007

**Executive Development Programmes**

Commenced  
2006

**Consultancy Services**

Instituted  
2004

**North-West QualTech Awards**

*2<sup>nd</sup> Convocation: 27<sup>th</sup> November, 2010*



## Radical Innovations

- Part-time programme
- Flexible completion in 4-8 years
- Affordable fee due to non-profit charter of school
- Application-focused curriculum developed by practicing managers & professionals

*Our employees, who have enrolled for the B.Tech. programme, find it highly informative and very relevant to their work areas. Subjects like SPC and other related QC Tools are very helpful in analyzing & solving day-to-day work related issues. Faculty and study material are of very high quality.*

**K. Manohar**  
AVP, Operations,  
Max Speciality Products

PTU's Gian Jyoti School of TQM & Entrepreneurship offers a part-time B.Tech. programme in Industrial Engineering and Management with specialisation in TQM. This four-year application-focused programme of Punjab Technical University enables working professionals with Diploma in Engineering or Science Graduates to implement world-class TQM and Industrial Engineering practices at their work places.

Launched in 2005, the program has received an excellent response with over 1,100 enrolments from more than 350 organisations. 5 of the 10 batches have completed their B.Tech. and 5 are under-way. Students for the programme are from varied functional areas like Quality, R&D, Production, Maintenance, Marketing, Education, etc, with an average work experience of 9 years.

## Programme Structure

- ◆ 8 Semesters
- ◆ Weekend classes
- ◆ 5-Subjects per semester
- ◆ Courses include Lab Work/Seminars/Projects
- ◆ Major project involving on-the-job solution in last semester
- ◆ Special emphasis on soft skills development

## Designed to inculcate

- ◆ Spirit of observation, questioning & self-exploration
- ◆ Skills for scientific and creative thinking
- ◆ Habit of self-learning, reading & net-search
- ◆ Effective management & leadership skills
- ◆ Ability to work in team
- ◆ Perseverance

## Eligibility

1. Technical Diploma from an institution approved by Board of Technical Education of any State or Bachelor's Degree in Science (with Mathematics)
2. Minimum One Year work experience as on the date of enrollment

## Certificate/Advanced Diploma/Degree

On completion of:

### 2nd Semester

*Basic Certificate in Quality Management*

### 4th Semester

*Advanced Diploma in Industrial Engg. & Mgmt. (Spl. in TQM)*

### 8th Semester

*B.Tech. Degree in Industrial Engg. & Mgmt. (Spl. in TQM)*

# STUDENT SPEAK

Since my enrolment in PGSTE, my professional career has risen to new pinnacles of glory. I got promoted as Chief Manager; thanks to this innovative B.Tech. course by PGSTE designed for working professionals. I thank all the esteemed faculty members; they are my role models and guides.



***Jawaharlal Nehru (January 2009 Batch)***



My life was just like any other Diploma Holder, where I used to wonder why we need additional qualification. Isn't my skill set good enough for me to climb the ladder??? Indeed it is not! I joined B.Tech programme in PGSTE and acquired skills ranging from reading balance sheets to making flashy presentations, and from analysing complex technical situations to managing human dynamics. I am working and growing well with a Fortune 500 company as a QA-Engineer where even sky is not the limit ahead.

***Sachin Batra (July 2007 Batch)***

Knowledge acquired during my association with PGSTE has given a kick start to my career, where my position has got elevated from Sr. Manager to Sr. General Manager with a package of almost four times in three years time. Now, I have joined Indorama, in Egypt, as a Senior General Manager. Many thanks to the School's team.



***Suresh Pal (January 2007 Batch)***



This course will act as a life long medicine for engineers. My way of thinking, talking, communicating and handling people at work as well as in general life has changed drastically after joining this course. Now I always try to give solutions to anyone's problems by applying problem solving techniques learnt here.

***Sunil Kumar (July 2007 Batch)***

Such type of course should be mandatory in all B.E., B.Tech. or management colleges. If learnings of this programme are implemented in industries, we can change the image of INDIA in global markets.



***Deependra Kumar (January 2008 Batch)***



My heartfelt thanks to the entire team of PGSTE. Recently, I gave interview in Philips Electronics, Mohali and cleared the interview at one go. They were really impressed with my awareness of TQM quality principles. Thanks to PGSTE's unique learning system. Full credit of giving a boost to my career goes to the School.

***Nitin Dev (January 2009 Batch)***



*It is enriching to see that under the consultancy and training of PTU's Gian Jyoti School of TQM and Entrepreneurship, we are able to save around Rs. 3 crore and our product quality has improved more than the investment made in terms of time and money.*

**VK Singh, IAS**  
Finance Secretary-cum-  
Education Secretary,  
Chandigarh Administration  
Former MD, Milkfed, Punjab

We provide integrated solutions for business transformation covering the entire supply chain, from product development to manufacturing. Our focus is on building excellence in operations and services through improvement in quality, cost and delivery.

## Team

Our team comprises top notch professionals with over 300 person years of industry experience over a wide spectrum of industries, spanning both manufacturing and service sectors.

## Objectives

- Aligning people, processes and technology as per business strategy
- Improving operational efficiencies and building excellence in total supply chain
- Creating company wide environment for continual improvement
- Measuring, rewarding and improving performance of total manpower
- New product/process development

## Key services

- ◆ Business Process Re-engineering
- ◆ Implementation of Lean Manufacturing
- ◆ Waste Elimination & Productivity Improvement
- ◆ Inventory Management
- ◆ Layout and Material Handling
- ◆ Method Improvement
- ◆ Supply Chain Management
- ◆ Manpower Planning & Assessment
- ◆ Performance Measurement & Management
- ◆ Energy Conservation
- ◆ Escort Services for ISO 9000, ISO 14000, OHSAS 18000, TS 16949
- ◆ Product Development

## Illustrative list of client industries

- ◆ Adhesives & Sealants
- ◆ Automotive & Auto Components
- ◆ Bathroom Fittings & Accessories
- ◆ Data Storage Devices
- ◆ Food Products
- ◆ Hand Tools
- ◆ Bus Body Builders
- ◆ Pharmaceutical
- ◆ Photovoltaic Systems
- ◆ Plastic Moulding & Packaging
- ◆ Textiles & Knitwear
- ◆ Watch Components

# EXECUTIVE DEVELOPMENT PROGRAMMES

We conduct various short-term executive development and certification programmes. Areas of focus are Lean Manufacturing, Six Sigma, Quality Management, Industrial Engineering, and Soft Skills. The team comprises professionals and trainers with a wide spectrum of experience across various industry segments.

## Approach

- ◆ Employee engagement – through cross functional teams and Small Group Activities
- ◆ Collaborative & participative – weaving soft skills with hard skills
- ◆ Synergizing client's business knowledge with our skills
- ◆ Tailor-made to suit specific training needs of clients
- ◆ Follow-up & hand-holding

## Short term Programmes

### Quality Management

- ◆ Sandwich TQM Workshop
- ◆ Design of Experiment (DOE) & Taguchi Method
- ◆ Failure Mode and Effects Analysis (FMEA)
- ◆ Measurement System Analysis
- ◆ MINITAB
- ◆ Problem Solving with QC Tools
- ◆ Statistical Process Control

### Lean Manufacturing

- ◆ 5S
- ◆ Value Stream Mapping
- ◆ Waste Elimination
- ◆ Kaizen
- ◆ Mistake Proofing
- ◆ TPM
- ◆ Cell Manufacturing

### Soft Skills

- ◆ Leadership, Motivation & Team building
- ◆ Effective Presentation Skills
- ◆ Creativity & Innovation
- ◆ Negotiation Skills

## Certificate Programmes

- ◆ Certified Lean Professional
- ◆ Certified Quality Improvement Professional
- ◆ Certified Six Sigma Green Belt
- ◆ Certified Six Sigma Black Belt

*What you expect from a Six Sigma mentor is conceptual knowledge, training delivery, translation of that into simple concepts, application of those concepts into live projects and demonstration of that application by reduction in COPQ. PGSTE's trainers were passionate about the subject and I have noticed a visible transformation of my teams who participated in the Certified Six Sigma Green Belt Programme conducted by PGSTE at our premises.*

**Anil Rijhwani**

Sr. G.M. Manufacturing  
Godrej & Boyce Mfg. Co.



# NORTH-WEST QUALTECH AWARDS

Instituted in 2004, the North-West QualTech Awards recognise Organisations and their Project Teams for achieving extraordinary results in Quality Improvement.

Participation by more than 190 teams from leading organisations since inception make them the most prestigious Awards of the Region.

Competition is open to both Manufacturing and Service sectors. Winners are selected by an eminent Jury comprising of business leaders, after a rigorous process of evaluation.

## Award Categories

### Manufacturing Sector



### Service Sector



## Past winners

### Manufacturing: Large Business

2010	Philips Electronics India Ltd., Mohali
2009	Subros, Noida
2008	Godrej & Boyce Mfg. Co., Mohali
2007	Godrej & Boyce Mfg. Co., Mohali
2006	Vardhman Spinning & General Mills, Ludhiana
2005	Samtel Color (Deflection Yoke Division), Parwanoo

### Manufacturing: Medium Business

2010	Winsome Textile Industries Ltd., Baddi
2009	Moser Baer Photo Voltaic, Noida
2008	DCM Engineering, Ropar
2007	Lakshmi Precision Screws, Rohtak
2006	Industrial Organics, Ludhiana
2005	Bharti Teletech, Ludhiana

### Manufacturing: Small Business

2010	Hycron Electronics, Baddi
2009	Hycron Electronics, Baddi
2008	Hycron Electronics, Baddi
2007	GNA Duraparts, Hoshiarpur
2006	Hycron Electronics, Barotiwala
2005	Chang Yun India, Gurgaon

### Service Sector

2010	Tata Teleservices, Mohali
2009	Tata Teleservices, Mohali

*A great initiative by calling companies to present their approach on quality related issues. Many of the tools could be applied to projects taken up during the B.Tech program. Please keep up the good work being done at the institute.*

**Dr. Krishan Kumar**  
Director,  
Maruti Centre for Excellence



# ABOUT US

**PTU's Gian Jyoti School of TQM & Entrepreneurship (PGSTE)** is North India's premier institute, set up by the Punjab Technical University (PTU), as its first School of Excellence.

On 1st December 2003, His Excellency Dr. A P J Abdul Kalam, the then President of India, launched this School of Excellence and on 12th May 2004, His Excellency Justice (Retd.) O P Verma, then Governor of Punjab, inaugurated it.

The School is a constituent unit of Punjab Technical University, and is governed by a Governing Council, whose Chairman is Padma Shri Chandra Mohan formerly, Vice-Chairman and MD, Punjab Tractors & Swaraj Group.

## VISION

To be a world-class centre for application-focused learning and Entrepreneurship.

## MISSION

- ◆ Raise global competitiveness of Indian business.
- ◆ Groom technology-led entrepreneurs and future business leaders.
- ◆ Provide thought leadership and foster a spirit of lifelong learning.



## PTU's GIAN JYOTI SCHOOL OF TQM & ENTREPRENEURSHIP

(A Constituent Unit of Punjab Technical University)

B-102, Industrial Area, Phase VIII, Mohali-160059

Ph.: +91 172 2236187, 6541187    [www.tqmbizschool.org](http://www.tqmbizschool.org)    mail: [mail@tqmbizschool.org](mailto:mail@tqmbizschool.org)

Manish Sharma, DGM (Marketing & Training)    +91 98554-06222

Harmanjeet Singh, Asst. Manager (Marketing)    +91 95920-92704