



*Government of Pakistan*  
*Ministry of Industries and Production*

**P**AKISTAN  
**I**NDUSTRIAL  
**T**ECHNICAL  
**A**SSISTANCE  
**C**ENTRE



# **YEAR BOOK**

## **(2014 – 2015)**

*Government of Pakistan*  
*Ministry of Industries and Production*  
**Pakistan Industrial Technical Assistance Centre (PITAC)**

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## 1. Introduction

The Government of Pakistan established Pakistan Industrial Technical Assistance Centre (PITAC) in 1962 with the merger of Industrial Research and Development Centre (IRDC) and Industrial Productivity Centre (IPC) as an Autonomous body under the administrative control of Ministry of Industries, Government of Pakistan and registered under the Societies Registration Act 1860.

Since its inception PITAC has been rendering Technical Assistance to industry by way of designing and manufacturing of Production Tooling Equipment, Prototyping, and rendering Training Services to Engineers, Supervisors and Technicians from variety of industries throughout the country.

Advisory Services in Metal Works, Steel Re-Rolling, Heat Treatment, Low Cost Automation and Plastic Mold Making has also been an important function of PITAC.

The present report provides the brief about the achievements / performance of PITAC for the Year 2014 – 2015. PITAC has offered Short Term Intensive Training courses in Techno-managerial fields, these courses are designed such that supply-side responses are perpetually in sync with the demand side impulses from the industrial environment. The contents of the courses have been carefully designed to meet the requirements of the Industry and have kept under review to bring them in conformity with the changing needs.

PITAC has continued to train unskilled workmen of SME's and small-scale workshops (cottage) by the provision of Demand Driven Technical Courses resulting in better income and employment opportunities.

In this way, PITAC has directly contributed towards Skill development for the SME's and light engineering sector in accordance with the National Industrial Strategy devised by Ministry of Industries and Production, Government of Pakistan and Pakistan Vision 2025 – Developing Human and Social Capital by Planning Commission, Government of Pakistan.

It is hoped that the workmen acquainted with Technical Skills will be a strong backbone for the industry of this country in the future.

### 1.1. Scope and function

PITAC is Autonomous Organization under the administrative control of the Federal Ministry of Industries and Production, Government of Pakistan. Its workshop facilities have been established in Lahore to provide Training, Technological Back up Support and Advisory Services to the industry.

Since 1962, PITAC has been rendering Technical Assistance to industry by way of Designing and Manufacturing of Production Tooling Equipment, Prototyping, Training of Engineers, Supervisors and Technicians from a variety of industries throughout the country. Advisory Services in Metal Works, Heat Treatment, Low Cost Automation, Programmable Logic Controllers (PLCs) and Plastic Mold Making are important functions of PITAC.

### 1.2. Mission Statement

To upgrade, advice, disseminate, extend assistance and skill development in technical and managerial fields to individuals and organizations throughout Pakistan.

### 1.3. Objectives

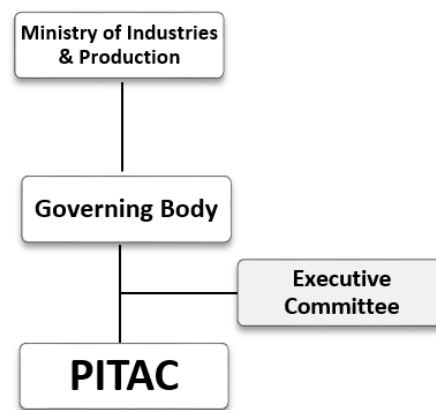
Following are the main objectives of PITAC:

- To Train and Upgrade the skills of Industrial Personnel in the Technical and Managerial fields.
- Disseminate modern technical knowhow among industrial personnel through Seminars, Group Discussions, Workshops and Demonstrations.
- Extend advisory services to industries;
- To provide common facilities like Metal Working, Casting, Heat Treatment, Electroplating, Surface Treatment, Designing and Manufacturing of machine elements and reverse engineering
- In conjunction with the training programmes the centre will produce modern manufacturing techniques and production methods, while at the same time producing newly designed tools and products (prototypes) which contribute to the advancement of Pakistan's Industrial Development.

### 1.4. Organizational Structure of PITAC

The Operational Structure of PITAC is as follows:

Tier	Name
1	Ministry of Industries and Production, Government of Pakistan
2	Governing Body
3	Executive Committee
4	PITAC



### 1.4.1. Role of PITAC Governing Body and PITAC Executive Committee

The role of Governing Body is primarily Policymaking on Administrative, Financial and Technical matters for which periodical meetings are held. The existing Governing body (GB) comprises of following members:

<b>Sr. No.</b>	<b>Name, Designation and Address</b>	<b>Role in GB</b>
1	Additional Secretary - I Ministry of Industries and Production, Government of Pakistan, Islamabad	Chairman
2	Financial Advisor Ministry of Industries and Production, Government of Pakistan, Islamabad	Member
3	Director of Industries Government of Punjab, Lahore.	Member
4	Director of Industries Government of Sindh, Karachi	Member
5	Director of Industries Government of Khyber Pakhtoon Khawa, Peshawar	Member
6	Director of Industries Government of Balochistan, Sirki Road, Quetta	Member
7	Director of Industries Government of Azad Jammu & Kashmir	Member
8	Director of Industries Government of Gilgit Baltistan	Member
9	Mr. Mumshad Ali, R.K Gears (Pvt) Ltd Lahore Representative of Lahore Chamber of Commerce and Industry (LCCI)	Member
10	Shaikh Mehboob Ashraf, CEO M/s Advance Concern Tech (Pvt) Ltd Representative of Federation of Pakistan, Chamber of Commerce and Industry (FPCCI)	Member
11	Engr. Maqsood Anwar Pervez, CEO M/s TKML Enterprises Peshawar Representative of KP Chamber of Commerce and Industry	Member
12	Mr. Kamal Ud din Ahmad, Razee Trading Corporation, Quetta Representative of Chamber of Commerce and Industry, Quetta Baluchistan	Member / Secretary

The Executive Committee of exercises the power of the Governing Body, except in matters of major policy decisions and functions in between the meetings of the Governing Body. The existing Executive Committee comprises of following members:

<b>Sr. No.</b>	<b>Designation</b>	<b>Role in EC</b>
01	Director General Pakistan Industrial Technical Assistance Centre Lahore.	Chairman
02	Deputy Secretary (Admin) Ministry of Industries and Production, Government of Pakistan	Member
03	Deputy Financial Advisor, Ministry of Industries and Production, Government of Pakistan	Member
04	Representative of Federation of Pakistan Chambers of Commerce and Industry	Member
05	Representative of Lahore Chambers of Commerce and Industry	Member
06	Senior Manager (Operation & Works), PITAC, Lahore	Member

## 1.5. Manpower

The Sanctioned Strength of PITAC as on June 2015 in various categories is 362, out of which 99 are officers, 91 employees in Non-technical cadre and 172 employees are in Technical Cadre. The details are provided in **Annex “A”**.

## 2. Overview of Performance (2014 – 2015)

### 2.1. Steps for Up-gradation and Modernization of Facilities in PITAC

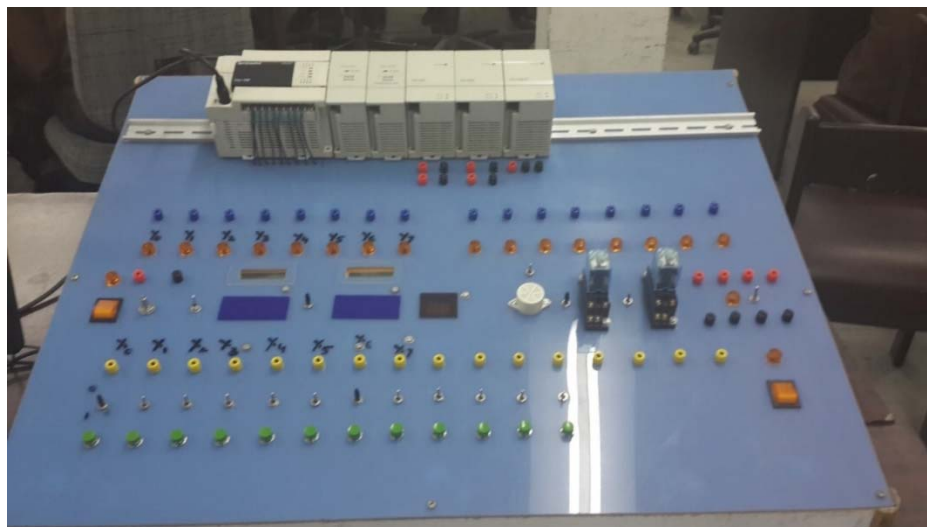
#### 2.1.1. Provision of Programmable Logic Controllers (PLCs) and other auxiliary equipment for PSDF PLC Training Courses

Under Skill for Job 2014 – 15, PITAC had signed a contract with PSDF to train 100 trainees from the target districts (i.e. Lahore, Sheikhupura, Gujranwala, Narowal, Sargodha, Chiniot and Faisalabad) of Punjab, in the field of Programmable Logic Controllers (PLCs) and having course duration of 03 Months.

The PITAC developed a fully functional, state of the art PLC lab including Programmable Logic Controllers (PLCs), Servo Motors, Servo drives, HMIs, Text Panels, encoders and other auxiliary equipment.

The details of the provided equipment is as follows:

Sr. No.	Description	Units
1.	Programmable Logic Controller (PLC) Mitsubishi FX3G16MT Japan	12
2.	Digital Input Module – FX 2N8EX Mitsubishi Japan	12
3.	Digital Output Module – FX 2N8EYT Mitsubishi Japan	12
4.	Analogue Inputs – FX2N4AD Mitsubishi Japan	12
5.	Analogue outputs - FX2N4DA Mitsubishi Japan	12
6.	Temperature controller – FX2N4ADPT Mitsubishi Japan	12
7.	Pulse Encoder, 1024 pulses (NPN Type) S4O-6-1024ZO (LS Korea)	12
8.	Communication Cable plc – USB	12
9.	HMI - Touch screen 7(inch) [Weintek EMT 3070A Taiwan] HMI communication cable	12
10.	Text Panel [Touchwin OP320A China] Text Panel data cable	12
11.	AC Servo motor APM-SCO3DEK - LS Mecapion Korea AC Servo Drive L7SA004A - LS Mecapion Korea With all communication cables	12



### **2.1.2. Provision of IGBT based Welding Rectifiers, Personal Protective Equipment (PPEs) and other auxiliary equipment for PSDF Welding Training Courses**

Under Skill for Job 2014 – 15, PITAC had signed a contract with PSDF to train 100 trainees from the target districts (i.e. Lahore, Sheikhupura, Gujranwala, Narowal, Sargodha, Chiniot and Faisalabad) of Punjab, in the field of Welders (Gas and Arc) and having course duration of 03 Months.

The PITAC developed a fully functional, state of the art welding lab including insulated-gate bipolar transistor (IGBT) Based DC Welding rectifiers, Personal Protective Equipment (PPEs) and other auxiliary equipment.





### 2.1.3. Provision of Cutting Tools and Measuring Instruments for Machine Tool Shop, NC Shop and Plastic Mold Department (PMD)



### 2.1.4. Construction and re-functioning of Heat treatment Air Conditioning and Welding Shop

Heat treatment, Air Conditioning and Welding Shops in PITAC were demolished during the construction of pedestrian underpass / bus station for Metro Bus Project – Ferozepur Road. It's the primary task to re-construct the shops and make them operational again, to ensure the provision of Backup Support, Advisory and Training services to the industry.

The construction of Air Conditioning and welding shops are completed and the said shops are back on line. The construction of heat treatment shop is also completed, but the installation and commissioning of machines and equipment is still in process.



### 2.2. Establishment of Solar PV Lab and Commencement of Solar Photovoltaic (PV) – Design and Installation Training Program

Keeping in view the ongoing market trends and the increasing demand of the renewable energy sources due to energy crisis, load shedding and failure in provision of electricity in the far-flung areas of Pakistan, PITAC has taken the initiative of establishing a solar energy workshop in PITAC HQ, Lahore.



The first batch of the training programs started in March for the employees of PITAC which is being attended by senior officers and experienced workers of PITAC to get familiar with this training and to take note of any glitches in the program before launching it for public. This step was hugely received by the employees of the Centre and it is hoped that this training will support many families in earning their livelihoods.

The Regular program for the general public started on 06 April 2015, in which 15 trainees have attended the program.



### **2.3. Opening of Regional Office Karachi and Gilgit Baltistan**

Nowadays in view of increasing trend in the manufacturing industry related to automobile, general engineering & plastic products, vending industry, SME's have to be provided with Advanced Backup Support and Training Services, therefore, PITAC decided to expand the purview of its activities geographically.

In line with the policy of the Ministry of Industries and also with the consent of PITAC's Governing Body, PITAC's Management decided to open its Liaison offices in Karachi and Gilgit Baltistan, so the SME's and light engineering sector from that region can also be benefitted with the Technological Back up Support, Advisory Services and Demand Driven Technical Courses from PITAC in accordance with the Industrial Policy by Ministry of Industries and Production, Government of Pakistan.

This will ultimately enable us to increase the skilled work force required for accelerating the process of industrialization and will enable small and medium enterprises to produce advanced

components which are currently being imported, hence saving precious foreign exchange. This will not only develop the Human Resources but will also prove to be a successful venture for import substitution, poverty alleviation and job creation.

It is also hoped that the workmen acquainted with technical skills will be a strong backbone for the industry of this country in the future.

Regional office Karachi and Gilgit Baltistan will act as a bridge between light engineering sector of Islamabad and Lahore Head Office, ensuring their access to a whole new horizon of Computer Integrated Design and Machining Facilities and also ensure the training of the engineers, managers, supervisors, technicians and workers to improve their capabilities and skills in modern Advanced CAD/CAM Technologies for better productivity and performance.

### **2.3.1. TRAINING PROGRAMS TO BE LAUNCHED IN PHASE - I**

- Auto CAD ( Mechanical, Civil and Electrical)
- CAD/CAM
- PRO Engineer
- Solid Works
- Computerized Accounting & Finance
- Computer Foundation
- Spoken English
- IELTS

#### **Workshops / Symposiums:**

- Related to production
- Project Management
- Human Resource Management
- Supply Chain Management
- Certified trainings (ISO, Lean Practitioner, CHRP, Gamba Kaizen etc.).

### **2.4. Back up Support and Advisory Services**

PITAC has offered Technological Backup Support and Advisory Services to the Industry specifically in the following areas:

- Computer Integrated Plastic Mold Making
- Computer Aided Designing (CAD)
- Computer Aided Machining (CAM)
- Designing and Manufacturing of Production Tooling Equipment like Jigs , Fixtures, Dies, Gauges etc
- Designing and Manufacturing of Plastic Injection Molds, Blow Molds, Compression Molds etc
- Precise Machining Techniques and Methods i.e. CNC Machining Centre, CNC Turning Centre, CNC EDM Sinker, CNC EDM Wire cut, Small Hole Drill Machining, Jig Grinding, Jig Boring, Precise Surface grinding etc
- Operation of Injection Molding Machines

- Advanced Inspection Techniques i.e. Co-ordinate Measuring Machine
- Programmable Logic Controllers
- Heat Treatment
- Foundry and Pattern making
- Preventive Maintenance and Calibration
- Super finishing Techniques i.e. Lapping , Honing, Precision Surface Grinding etc

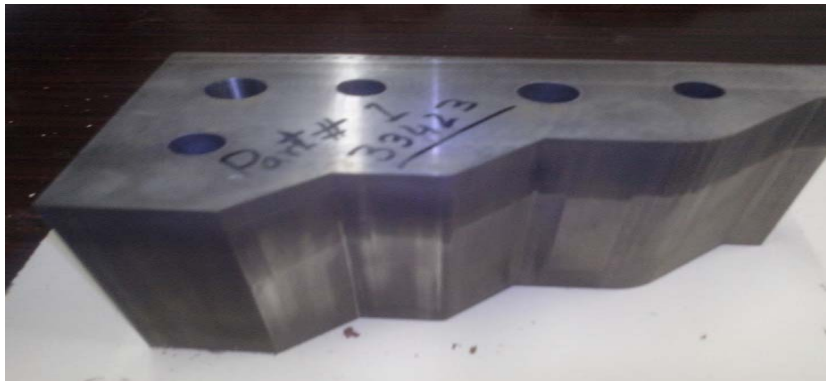
SME's and Industry are being benefitted by PITAC through its Technological Back up Support & Advisory Services in these fields. The various jobs done by PITAC are not from commercial view point but to help develop local industry and to solve their manufacturing problems. Such Jobs lead industry towards self-reliance, improvements in technical knowhow, saving production equipment from break downs and to bring freedom from imports as far as possible. It has also helped in development of SMEs.

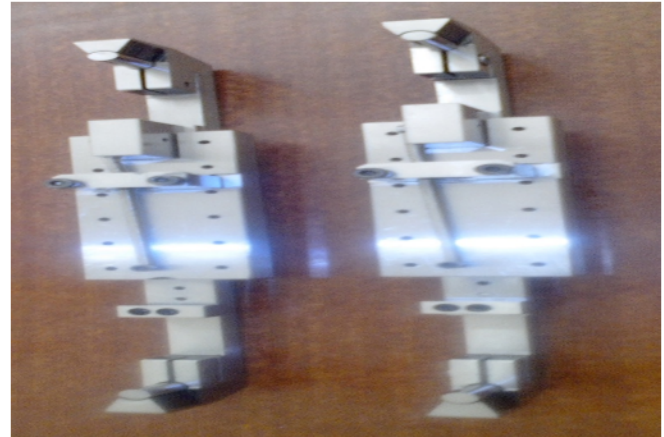
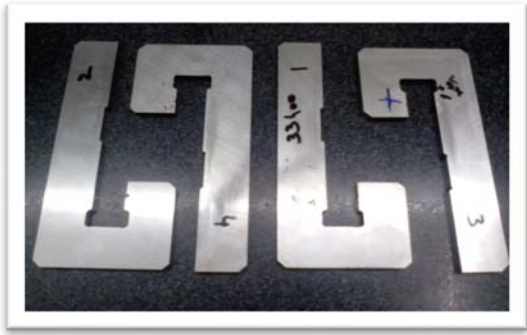
Description	No. of Jobs	
	Booked	Delivered
July 2014 – June 2015	293	279

#### 2.4.1. Typical Back up Support and Advisory Services to the Industries

The highlights of some typical Technological Backup Support and Advisory Services provided to the Industry are as follows:

##### CUTTING DIES FOR M/S ALGHAZI TRACTORS





## **Inspection Gauges and Fixtures for M/s Millat Equipment Limited and M/s Millat Tractors (Pvt) Ltd**

### **Multi Head Drilling Fixture – Millat Tractors (Pvt) Ltd**

Multi-head drilling machine capable to produce 14 holes simultaneously with required centre distance.





## 2.5. Skill Development Training Programs

Pakistan Industrial Technical Assistance Centre (PITAC) is playing its pivotal role in the progression and advancement of ***Pakistan Vision 2025 – Developing Human and Social Capital***. It provides every citizen in the society the opportunity to improve their quality of life by providing Demand driven Skill Development Training Programs. In this way, PITAC is positively contributing towards strengthening human and social capital and allowing the population to optimally contribute to and effectively benefit from economic growth. These human resources ultimately become the strong back bone of Pakistan Industrial sector and act as catalyst for accelerating the process of industrialization.

The PITAC has continued to offer Short Term Intensive Training courses in Techno-managerial fields, these courses are designed such that the supply-side responses are perpetually in sync with the demand side impulses from the industrial environment. The contents of the courses have been carefully designed to meet the requirements of the Industry and have kept under review to being them in conformity with the changing needs.

The Skill Development Programs consists of Regular Training Programs, Weekend Training Programs, Internships, PSDF (Punjab Skill Development Fund) Funded Training Programs and Seminars/Workshops/Symposiums.

In Year 2014 - 2015, total **3426** Trainees were trained in the Skill Development Programs.

Sr. No.	Program Details	No. of Trainees
1.	Regular Training Programs	2437
2.	Weekend Training Programs	389
3.	Internships (08 – 16 Weeks) (For Engineers, Diploma Holders, Tradesmen)	158
4.	PSDF Funded Training Programs	313
5.	Workshops / Symposiums (HQ LHR & R/o ISB)	129
	<b>Total Trainees</b>	<b>3426</b>

### 2.5.1. Regular Training Programs

These programs are mainly in the field of Metal Working and cover the following subjects:

- Jigs and Fixture Design
- Press Tool, Cutting Tool and Gauge Design
- Injection Mold Design Basic / Advanced
- AutoCAD (Civil / Electrical / Mechanical)
- Piping Design
- Air Conditioning and Refrigeration
- Programmable Logic Controllers
- CNC Machining Centre Operation and Programming
- CNC Turning Centre Operation and Programming
- CNC EDM Sinker / Wire cut Operation and Programming
- 3D CAD/CAM (DelCAM Power Shape / Power Mill)
- 3D CAD/CAM (Master CAM)

- Advanced Measuring Techniques with Co-ordinate Measuring Machine (CMM)
- Injection Molding Operation and Programming
- Basic Welding
- TIG / MIG Welding
- Heat Treatment Techniques
- Engineering Draughting
- Inspection and Quality Control
- Electrician
- Welding and NDT Inspection
  - NDT Level –I
  - NDT Level –II
  - Welding Inspection Level – I
  - Welding Inspection Level – II
- Instrumentation and Process Control System
- MS Project / Primavera (P6)
- Quantity Surveyor
- Spoken English / IELTS

The Trends in the recursive and admired training programs are shown below

Sr. No.	Training Program	July 2014- June 2015
1	AutoCAD (Mechanical)	230
2	AutoCAD (Civil)	138
3	AutoCAD (Electrical)	127
4	3D CAD/CAM	118
5	CNC Machining Centre	110
6	Engineering Drafting	150
7	PLC's	145
8	Quantity Surveyor	95
9	Electrician	82
10	Computer Foundation	131
11	Basic Welding	68
12	CNC Turning Centre	147
13	Air Conditioning and Refrigeration	106
14	Machine Shop Practice	123
15	Instrumentation & Process Control	84
16	Spoken English	70
17	Inspection & Measuring Techniques	48
18	TIG Welding	57
19	Land Surveyor	196
21	Mold Design	55
22	Jigs & Fixture Design	20
23	Press tool design	23
24	Cutting Tool Design	13
25	CNC EDM Sinker / Wire Cut	15
26	Solar PV – Design and Installation	17

27	Heat Treatment Techniques	16
28	Pattern Making	22
29	Injection Molding Machines - Operation	23
30	Submersible Pump Repairing – RAHA Funded (R/o Quetta)	30

## 2.5.2. Human Resource Development Seminars / Workshops / Symposiums

During the Year 2014 – 2015, the following Human Resource Development Workshop / Symposiums / Weekend courses were organized by PITAC independently or in Collaboration with other Private / Public Sector Organisations.

- **Project Management – Weekend Program**

This weekend program was to make people aware of the Project Management Life Cycle, its Do's and Don'ts while planning the Project, Project Execution, Monitoring and Risk Analysis in accordance with the PMBOK 5th Edition.

The resource person Mr. Hasnain Javaid have extensive SCM, HR and project management experience. This weekend program was especially designed for working professionals, Project Managers, Planning Engineers etc

- **Human Resource Management (HRM) – Weekend Program**

The purview of this Human resources management – Weekend Program involves several functions i.e. Workforce planning, Induction, Orientation and On boarding, Skills management ,Training and development ,Personnel administration ,Compensation in wage or salary ,Time management ,Travel management ,Payroll ,Employee benefits administration, Personnel cost planning, Performance appraisal ,Labor relations etc

The resource person Mr. Hasnain Javaid have extensive SCM, HR and project management experience. This weekend program was especially designed for working professionals, HR Managers, Recruitment consultants etc.

- **Supply Chain Management (SCM) – Weekend Program**

This weekend program was to make people aware of Supply chain business processes and their integration. Supply chain management (SCM) is the management of a network of interconnected businesses involved in the ultimate provision of product and service packages required by end customers Supply chain management spans all movement and storage of raw materials, work-in-process inventory, and finished goods from point of origin to point of consumption (supply chain).It involves Customer service management ,Procurement ,Product development and commercialization ,Manufacturing flow management/support ,Physical distribution, Outsourcing/partnerships, Performance measurement ,Warehousing management etc

The resource person Mr. Hasnain Javaid have extensive SCM, HR and project management experience. This weekend program was especially designed for working professionals, SCM Managers, SCM Trainees, and Students.

- **Computerized Accounting and Finance – Weekend Program**

This weekend program was to make people aware of Accounting Software (Peach Tree, Quick book, MYOV Accounting Plus), Introduction to ERP System (Only Introduction), ERP Issues & Process of ERP Implementation, E-Commerce & Conventional Sale/Purchase Process, Financial Reporting and Financial Analysis, Excel Application for Budgeting &



Forecasting, Application for Corporate Finance/Financial Modeling, Capital Budgeting Techniques (NPV, IRR, PBP, DPBP) etc

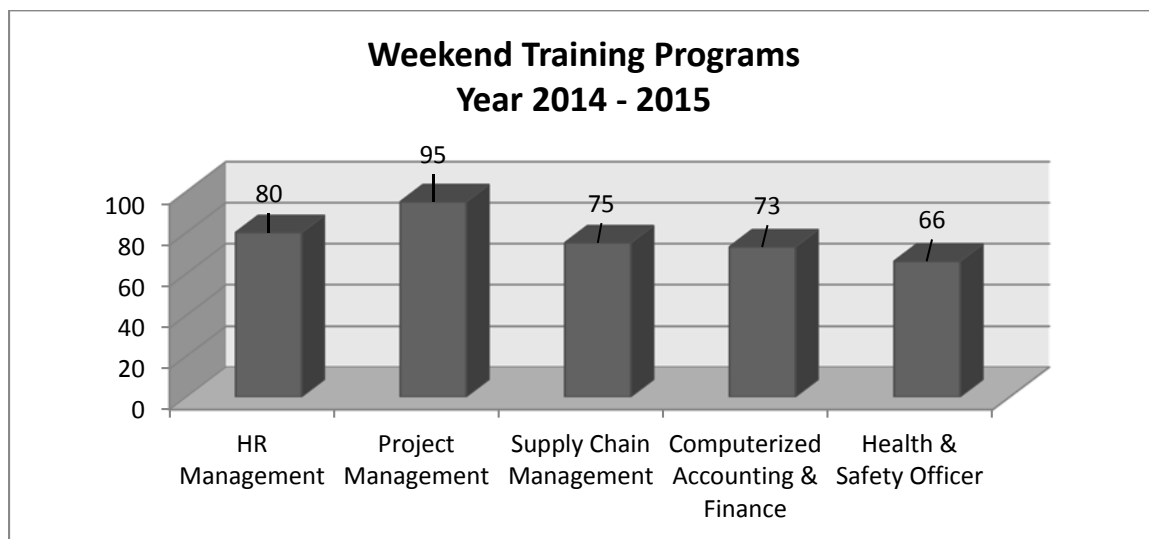
The resource person Mr. Rab Nawaz Lodhi have extensive experience on Quantitative, Qualitative and Mixed Method Research and Analysis Techniques.

- **Health and Safety Officer – Weekend Program**

This weekend program make people aware of Occupational Health and safety fundamentals, Management systems, Hazards and risks at workplace, General requirements, Monitoring Systems, Compensation for occupational injuries & diseases, General safety applications . This program enable them to identify hazards, assess risks to health and safety, put appropriate safety controls in place and provide advice about accident prevention and occupational health to management and employees.

The resource person Mr. Muhammad Imran have extensive experience as HSE Professional.

The trainee's trend in our weekend training programs is as follows:



### **2.5.3. PITAC's contribution in Punjab Skill Development Fund (PSDF)**

- **Skill Development Programme (Skill for Job 2013 – 14)**

Under Skill for Job 2013 – 14, PITAC has signed a contract with PSDF to train 342 trainees from the target districts (i.e. Bahawalnagar, Bahawalpur, Lodhran, Muzaffargarh, Rahim Yar Khan, Khanewal and Vehari) of Punjab:

During the discussed tenure, last two batches (i.e. 15 June 2014 to 14 Sep 2015 and 15 Sep 2015 – 14 Dec 2014) of PSDF Training Programs completed, **154** Trainees were trained in following fields.

Sr. No.	Course Name	Training Duration (In Months)	No. of Trainees
	A	C	
1	Welder (Gas & Arc)	3	50
2	CNC Machine Operator	6	14
3	Milling Machine Operator	3	21
4	PLCs	3	45
5	Turner	3	24
	<b>Total Trainees</b>		<b>154</b>

### Skill for Job 2014 – 15

Under Skill for Job 2014 – 15, PITAC has signed a contract with PSDF in October 2014 to train 450 trainees from the target districts i.e. Lahore, Kasur, Gujranwala, Narowal, Faisalabad, Sargodha, Chiniot in the following fields :

Sr. No.	Course Name	Duration	Batch	Start Date	End Date	No. of Trainees
1.	CNC Machine Operator	6	1	15-12-2014 to 14-06-2015		24
2.	PLC - I	3		15-12-2014 to 14-03-2015		22
3.	Turner - I	3				10
4.	Milling - I	3				13
5.	Welding - I	3				22
6.	PLC – II	3	2	15-03-2014 to 14-06-2015		24
7.	Turner – II	3				14
8.	Milling – II	3				10
9.	Welding - II	3				20
	<b>Total Trainees</b>					<b>159</b>

## 3. Present Issues & Problems

The main issues which lessen the anticipated impacts of PITAC are as follows:

### 3.1. Energy Crisis in Pakistan

Pakistan is presently facing a serious energy crisis. Due to the consequent demand for energy, worthwhile steps should be taken to install new facilities for generation of the required energy sources. Now, the demand exceeds supply and hence “load-shedding” is a common phenomenon through frequent power shutdowns. This shortage is badly affecting industry, commerce and daily life of people.

So in order to meet the production deadlines & to continue our training activities both efficiently & effectively, a power generator is inevitable.

### 3.2. Capacity Limitation

Capacity Limitation is a factor which confiscates the centre from supporting the SME's up to their requirements. There are quite a number of jobs that have been declined, due to the capacity limitation of the CNC Machining Centre.

Because there is only one CNC Machining Centre in the PITAC, it becomes a bottleneck as it is being used both for manufacturing & training purposes.

### **3.3. Rigid Procedural Requirements for Import of Tools & Consumables**

With the passage of time, inventory levels of Cutting Tools & Consumables for CNC machines are almost exhausted.

Non availability of consumables like Air Regulator Filter Elements, Mist Separator Elements, Makino Spindle Lubricants, Line Filters, Exhaust Cleaners etc & Machine spares in local market is the main factor which forces towards the lengthy procurement processes & causes disturbance in both training & mold manufacturing.

Due to constraint on foreign exchange transactions & direct imports as per Pakistan Procurement Regulatory Authority (PPRA) regulations, we have to involve tendering for higher amounts, which usually get delayed because of rigorous procedural requirements.

### **3.4. Budgetary Deficit**

Budgetary deficit is the other factor which constraints the development in the manufacturing & training facilities of the centre.

The other matters like Up gradation & Modernization of PITAC Facilities, Acquisition of New Software's & annual maintenance of old software's etc, are some of the matters which remains unaddressed due to financial discrepancies.

## **4. Financial Position**

See **Annex "B"**

**Sanctioned Strength as on June, 2015**

Sr No	Name of Post	CADRE	BPS	No. of Sanctioned Posts
<b>OFFICERS</b>				
1	Director General	Tech. Cum Administrative	20	1
2	Sr. Manager (O&W)	Tech. Cum Administrative	19	1
3	Sr. Manager PMD(Projects)	Tech. Cum Administrative	19	1
4	Sr. Manager (Marketing)	Marketing	19	1
5	Sr. Manager (Training)	Tech. Cum Administrative	19	1
6	Manager (P&A)	Administrative	18	1
7	Manager (A/C's)	Accounts	18	1
8	Manager (Coord)	Administrative	18	1
9	Manager (Marketing)	Marketing	18	1
10	Managers (Tech)	Tech. Cum Administrative	18	12
11	Manager MIS	MIS	18	1
12	Dy. Manager (Coordination)	Administrative	17	1
13	Dy. Manager (Marketing)	Marketing	17	1
14	Dy. Manager (P&A)	Administrative	17	2
15	Dy. Manager (Accounts)	Accounts	17	1
16	Dy. Manager (Audit)	Accounts	17	1
17	Dy. Manager (Cash)	Accounts	17	1
18	Dy. Manager (Tech.)	Tech. Cum Administrative	17	24
19	Dy. Manager MIS	MIS	17	2
20	Superintendent	Non-Tech.	16	8
21	Asstt. Network Administrator	MIS	16	2
22	Foreman	Tech.	16	13
23	Estimator	Tech.	16	2
24	Designer	Tech.	16	4
25	P.S to G.M	Non-Tech.	16	1
26	Asstt. Store Officer	Tech.	16	1
27	Training Coordinator	Non. Tech.	16	2
28	I.T. Officer	MIS	16	1
29	APS	Non.Tech	16	3
30	Coordination Officer	Administrative	16	5
31	Assistant Account Officer	Non.Tech	16	1
32	Security Officer	Non.Tech	16	1
<b>TOTAL</b>				<b>99</b>



### ESTABLISHMENT ( NON Tech.)

Sr No	Name of Post	CADRE	BPS	Sanctioned
33	Steno typist	Non-Tech	14	4
34	Assistant	Non-Tech	14	22
35	Assistant Accounts	Non-Tech	14	2
36	Assistant Security Supervisor	Non-Tech	14	3
37	Senior Clerk	Non-Tech	9	3
38	Junior Clerk	Non-Tech	7	7
39	Telephone Operator	Non-Tech	9	1
40	Driver at HQ	Non-Tech	5	7
41	Driver Cum Dispatch Rider (1=HQ, 6= R.O)	Non-Tech	5	6
42	Batman	Non-Tech	1	1
43	Naib Qasid	Non-Tech	2	11
44	Watchman	Non-Tech	2	13
45	Gardener	Non-Tech	2	4
46	Sweeper	Non-Tech	2	7
<b>TOTAL</b>				<b>91</b>

### ESTABLISHMENT (Tech.)

Sr No	Name of Post	CADRE	BPS	Sanctioned
47	Assistant Designer	Tech.	15	2
48	Assistant Foreman	Tech.	15	27
49	Store Keeper	Tech.	13	4
50	Jr. Programmer	MIS	14	3
51	STA Mechanical	Tech.	13	11
52	STA Electrical/Electronics	Tech.	13	3
53	STA Civil	Tech.	13	1
54	Draughtsman	Tech.	13	6
55	Highly Skilled	Tech.	13	45
56	Skilled I	Tech.	11	37
57	Computer Hardware Tech.	Tech.	11	2
58	Skilled II	Tech.	9	26
59	Semi Skilled	Tech.	7	4
60	Assistant Store Keeper	Tech.	7	1
<b>TOTAL</b>				<b>172</b>

S.No	Cat.	San.
1	OFFICERS	99
2	ESTABLISHMENT (NON Tech.)	91
3	ESTABLISHMENT (Tech.)	172
<b>Grand Total</b>		<b>362</b>

**Government of Pakistan**  
**Ministry of Industries and Production**  
**Pakistan Industrial Technical Assistance Centre (PITAC)**  
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**Annex "B"**

**Budget Allocation**

<b>Year 2014 - 15</b>	
Grant In Aid	Rs 237,500,000/-
PITAC Own Receipt	Rs 18,240,000/-
<b>Total Budget</b>	<b>Rs 255,740,000/-</b>