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1.0 INTRODUCTION

Industries and Production Division aim is to facilitate Industrial growth in the country, both in public and private sector. It plays a significant role in creating an enabling environment for industrial growth in the country. Pakistan is endowed with all the essential requisites of industrialization i.e. availability of raw materials, cheap labour, entrepreneurship and domestic consumer market of around 190 million people. The Division has been mandated with the task to achieve the Government objectives to forge ahead in all the Industrial sectors with the required pace and motives. Now-a-days, industrialization is considered a major tool for economic growth. With these objectives in view, I&P Division devised its strategy and moved forward with all its resources.

During the period 2018-19, the broad functions performed by the I&P Division were:

- Initiatives to boost Industrialization in the country and the steps taken for promotion of social and economic well-being of the people.
- Policy / Reforms formulation & implementation.
- Development of Industrial parks on the principle of Public Private Partnership.
- Technology and skill up-gradation for Industrial development.
- Provision of consumer goods at affordable prices through Utility Stores.
- International exposure to Engineering Industry in Pakistan.
- Facilitation of product diversification and capacity expansion.
- Operational performance of public sector Corporations / Units.

In order to implement the above-mentioned functions, strategies followed and the achievements made during the year as well as the future plans of the Division are discussed in the subsequent pages.

1.1 VISION, MISSION AND OBJECTIVES

VISION

“To Achieve Efficient, Sustainable and Inclusive Industrial Development”

MISSION STATEMENT

To play the role of facilitator in industrial development and entrepreneurship through policy intervention, setting up Industrial Parks and Export Processing Zones for investors, skill development of human resource for industrial sector and socio-economic development of country with particular focus on SME development and promotion of traditional crafts of Pakistan.

OBJECTIVES

- Focus on not only industry, but more broadly on social and economic systems as a whole.
- Promote innovation and facilitate creation of knowledge-based assets.
- Identify industrial cluster groups and facilitate and incentivize their development along with backward and forward linkages.
- Promote movement along the value chain from lower value-added activities towards higher value-added activities and provide support to Research, Development and Product design as a catalyst.
- Enhance global orientation to adapt and respond to the changing global environment.
- Improve the requisite economic foundation by focusing on the development of human resource, technology acquisition, physical infrastructure and business support services to increase productivity.
- To ensure optimum capacity utilization and revival of sick units.
- Encourage expansion programmes for existing Industrial Sector.
- Give top priority to knowledge-based assets and provide sufficient resources to investors so that they could get the pertinent information from one window for effective decision making.
- To ensure creation of an enabling environment to the entrepreneur / prospective investor through a well-defined, integrated and coordinated network of information system, supported and facilitated by the organizations under Industries and Production Division.
- To create conducive environment so that interests & fears of the investors are taken care of.
- Balance the interest of the stakeholders through its supportive organizations on regular basis.
- To monitor the activities of associated departments and to provide line of action for their expected achievements.
- To start cooperation at provincial level so that the impediments faced at that level can also be removed.
- To provide technical assistance and education commensurate with the requirements of industry. If required establishing new Centers or Institutes besides strengthening the existing Institutions or Centers to impart required knowledge and skills to potential investors.

1.2 FUNCTIONS OF INDUSTRIES & PRODUCTION DIVISION

Under the Rule of Business, 1973 as amended from time to time Industries and Production Division is assigned the following functions:

1. National industrial planning and coordination.
2. Industrial policy.
3. Employment of foreign personnel in commercial and industrial enterprises.
4. Federal agencies and institutions for: -
 - a. promoting industrial productivity;
 - b. promoting of special studies in the industrial fields; and
 - c. testing industrial products.
5. Keeping a watch, from the national angle, over general price trends and supply position of essential commodities; price and distribution control over items to be distributed by statutory orders between the Provinces.
6. Omitted vide SRO 973(1)/2017 dated 25-09-2017 (F.N.4-2/2016-Min-I).
7. Import and distribution of white oil.
8. Explosive (excluding the administration of Explosive Substances Act, 1908) and safety measures under the Petroleum Act, 1934 and Rules made thereunder.
9. Prescription and review of criteria for assessment of spare parts and raw materials for industries.
10. Administration on law on Boilers.
11. Administrative, financial, operational, personnel and commercial matters of Pakistan Garments Corporation.
12. Ghee Corporation of Pakistan Limited, and Pakistan Edible Oils Corporation Limited.
13. National Fertilizer Corporation, Lahore.
14. Development of Industries (Federal Control) (Repeal) Ordinance, 1979.
15. Economic Reforms (Protection of Industries) Regulation, 1972 (Regulation No. 125 of 1972).
16. All matters relating to state industrial enterprises, especially, in basic and heavy industries, namely: -
 - (a) State Engineering Corporation, Karachi.
 - (b) State Cement Corporation, Lahore.
 - (c) Pakistan Automobile Corporation, Karachi.
 - (d) State Petroleum Refining and Petrochemical Corporation, Karachi.
 - (e) Federal Chemical and Ceramics Corporation, Karachi.
 - (f) Pakistan Steel Mills Corporation, Karachi.
 - (g) Pakistan Industrial Development Corporation (PIDC);
16. Any other industrial enterprises assigned to the Division.

1.3 ORGANIZATIONAL SETUP

Business allocated to the Industries and Production Division has been distributed amongst the following Wings: -

1. Admin & Finance (A&F) Wing

1. Administration / Establishment matters of main Division.
2. Budgetary and financial matters of main Division and its Organizations.
3. Foreign and local trainings, workshops and seminars.
4. Council and coordination work.
5. Matters related to USC and NPO.
6. Matters relating to MIS Centre.
7. Work relating to Assembly / Senate Business
8. Administrative matters of defunct department of supplies.
9. Litigation matters of I&P Division and its Organizations

2. Chief Finance & Accounts Officer (CF&AO)

1. To tender advice in the delegated fields, where called upon.
2. To process, in accordance with the prescribed procedures, all cases relating to the non-delegated fields, foreign exchange and demands for supplementary grants which are required to be referred to the Finance Division.
3. All work relating to Public Accounts Committee (PAC) and Audit observations on appropriation accounts and ensuring compliance of the Committee's observations and recommendations and verification of records from AGPR & Audit.
4. To exercise internal checks on irregularities, waste and fraud in Terms of para 13 of the General Financial Rules, Vol-I in the Division and its attached departments.
5. To ensure compliance of all other rules and orders contained in the Federal Treasury Rules, General Financial Rules and instructions issued by the Finance Division from time to time.
6. To arrange meetings of Departmental Accounts Committee (DAC) for settlement of outstanding paras of inspection reports of main Division and its attached departments.

3. Large Enterprises Development (LED) Wing

1. Policy instructions to boost growth & development in various sub-sectors of industry with particular emphasis on Engineering Sector.
2. Enhancements of engineering goods export potential by introducing International quality standards up-gradation of technology to improve producing techniques and processes.
3. Industry facilitation through administration of various SROs by Engineering Development Board.
4. Preparation and finalization of budgetary proposals especially relating to tariff structures impacting industrial growth, in consultation with Federal Board of Revenue, Ministry of Commerce.
5. Overseeing large enterprises development issues like steel, cement, automobile, plastic, leather, sports, paper and pulp, construction and high-tech machinery.
6. Work relating to Administration and Establishment of following Organizations working in LED Wing:
 1. Pakistan Steel Mills (PSM)
 2. Engineering Development Board (EDB)
 3. State Engineering Corporation (SEC) and its following subsidiaries:
 - i). Heavy Electrical Complex (HEC)
 - ii). Pakistan Engineering Company (PECO)
7. Policy Evaluation and Monitoring of Chemicals, Pesticides, Cement, Mining Industry and Surgical Instruments.

4. Medium Enterprises Development (MED) Wing

1. Preparation & Yearly review of SME Policy.
2. Overseeing / Implementation of SME Policy.
3. Creation of financial plans for SMEs and ensuring its outreach.
4. SME facilitation in creating backward and forward marketing Linkages
5. Work relating to Administration and Establishment of following Organizations attached with MED Wing:
 1. Small & Medium Enterprises Development Authority (SMEDA)
 2. Southern Punjab Embroidery Industry (SPEI)
 3. Spun Yarn Research & Development Company, Multan.
 4. Khaddi Crafts Development Company, Multan.
 5. Leather Crafts Development Company, Multan.
 6. Juice Producing and Packaging Lines for Fresh Fruits and Vegetables, Multan.
 7. AGRO Food Industry
 8. Pakistan Industrial Development Corporation (PIDC) including its following Companies: -
 - i). Pakistan Stone Development Company (PASDEC)
 - ii). Pakistan Gems & Jewellery Development Company (PG&JDC)
 - iii). Pakistan Hunting & Supporting Arms Development Company (PHASDC)
 - iv). Furniture Pakistan (FP)
 - v). Aik Hunar Aik Nagar Project (AHAN)
6. Ensuring preparation of quarterly and yearly plans for the above Medium sized companies attached to I&P Division.

5. Industrial Infrastructure Development (IID) Wing

1. Preparation and implementation of long term (5 years) and short-terms (six months and more) industrial infrastructure development plans, with particular reference to Pakistan China Economic Corridor.
2. Preparation and implementation of trucking policy with the aim to facilitate present fragmented trucking system into a cohesive industry capable of dealing with Pakistan China Economic Corridor requirements.
3. Preparation, Implementation, monitoring and evaluation of Development Projects (Funded through PSDP, foreign funded or internally).
4. Work relating to Project Monitoring and Evaluation Cell.
5. Work relating to Administration and Establishment of following Organizations working in IID Wing: -
 1. Export Processing Zone Authority (EPZA)
 2. National Industrial Parks Development and Management Company (NIP).
6. Ensuring preparation of yearly and quarterly plans for the above Infrastructure development companies attached to I&PD.
7. Industrial Safety and Consumer Protection.
8. Administrative and Operational matters of Department of Explosives.

6. Investment Facilitation (IF) Wing

1. International Coordination except Pakistan -China Economic Corridor.
2. To ensure creation of an enabling environment from the entrepreneur perspective.
3. Investment facilitation and inter-ministerial coordination for removing bottleneck in the way of new and existing industrial investment projects.
4. Investment Facilitation Centre (IFC)
5. Enforcement of energy and industrial standards.
6. Bilateral Investment Promotion and Protection Agreements.
7. Matters pertaining to Labour Laws and ILO.
8. Coordination with International Agencies i.e. UNDP, UNIDO, World Bank, IMF, Asian Development Bank, Islamic Development Bank, etc.
9. Disposal of matters pertaining to SAARC including SAPTA, SAFTA and FTAs in the light of necessary input relating to tariff/custom duty under these Agreements provided by Deputy Chief (Technical).

7. Professional Skill Development (PSD) Wing

1. Identification of training & skills gaps of SMEs and Large-scale Industries.
2. Work relating to Administration and Establishment of following Organization working in PSD Wing.
 1. Technology Up-gradation & Skills Development Company (TUSDEC)
 2. Karachi Tools Dies & Mould Centre, Karachi (KTDMC).
 3. Gujranwala Tools Dies & Moulds Company (GTDMC).
 4. Ceramic Development & Training Complex (CDTC), Gujranwala.
 5. Pakistan Chemical & Energy Sector Skills Development Company.
 6. Pakistan Institute of Management (PIM), Karachi.
 7. Pakistan Industrial Technical Assistance Centre (PITAC).
 8. Administrative and operational matters of National Fertilizer Marketing Limited (NFML).
3. Preparation of skills development plans in respect of the above Skills Development Companies attached with I&PD.
4. Administration of the essential commodities, price control, profiteering and laws including distribution and control within Federal Area.
5. Keeping a watch from the national angle, over general price trends and supply position of essential commodities, price and distribution, control over items to be distributed by statutory orders between the provinces.
6. Import of urea fertilizer and its distribution to bridge the demand/supply gap, if any during Rabi and Kharif.
7. All matters relating to NFC, NFC-IEFR, Faisalabad & NFC-IET, Multan
8. All matters relating to Fertilizer Review Committee and Fertilizer Policy (2001).
9. Matters regarding Sugar Advisory Board and Sugar Policy.

2.0 PUBLIC SECTOR DEVELOPMENT PROGRAMME (PSDP)

2.1 ACHIEVEMENTS IN PUBLIC SECTOR DEVELOPMENT

Achievements of Development Section of IID Wing dealing with PSDP of Ministry of Industries and Production (MoIP) during the year 2020-21 are as follows:

1. Fifteen (15) development projects were executed during the last Financial Year 2020-21 and an expenditure of **Rs. 616.860 million** had been incurred in the implementation of development projects of Ministry of Industries and Production against total allocation of **Rs. 1203.500 Million** (Detail is placed at **Annex-I**).
2. Following projects were completed by 30th June, 2021.
 - PSDP No.435 Fruit Dehydration Unit (FDU) Swat
 - PSDP No.436 Hyderabad Engineering Support Centre (HESC).
 - PSDP No.438 Light Engineering Up-gradation Centre for SMEs in Balochistan (LEUC).
 - PSDP No.441 Peshawar Light Engineering Centre (PLEC).
3. The development projects executed during the year were geared to act as demonstration effect to provide common training facilities, infrastructure development, technological transfer and common machinery pools. The basic thrust of the development projects was on technology driven industrial growth within a framework to encourage economy of scale, value addition and diversification of products in order to make our products competitive in the international markets.
4. In addition to the above, following new projects were processed and got approved from appropriate fora during the FY 2020-21.

Departmental Development Working Party (DDWP)

Sr#	Name of the Project	Total Cost Rs. In Million	Status
1	Improving Competitiveness Through Sustainable National Productivity (SNP), All across Pakistan.	77.8	PC-I scrutinized/ processed in the MoI&P and approved in the DDWP meeting dated 1 st June, 2021.
2	Developing & Promotion of Cottage Industry of Gilgit Baltistan under Development Package, Gilgit Baltistan	104.8	PC-I scrutinized/ processed in the MoI&P and approved in the DDWP meeting dated 1 st June, 2021.
3	Establishment of High Tensile Sheet Metal Dies Manufacturing and Titanium Coating Setup at KTDMC, Karachi.	400.000	PC-I scrutinized/ processed in the MoI&P and approved in the DDWP meeting dated 1 st June, 2021.
4	Support Centre for Dental and Surgical Equipment (SCDS), Sialkot	720.350	PC-I scrutinized/ processed in the MoI&P and approved in the DDWP meeting dated 1 st June, 2021.
5	SME Facilitation Center at Lahore including feasibility	1364.090	PC-I scrutinized/ processed in the MoI&P and only feasibility component of the project at the cost Rs.10.00 Million was approved in the DDWP meeting dated 1 st June, 2021.

6	Research, Regulatory Insight & Advocacy Assistance for SMEs, Lahore	200.000	PC-I scrutinized/ processed in the MoI&P and approved in the DDWP meeting dated 1 st June, 2021.
7	Agro Food Processing Facilities, Mirpurkhas	960.318	PC-I scrutinized/ processed in the MoI&P and approved in the DDWP meeting dated 1 st June, 2021.
8	Business Skill Development Centre for Women at Dera Ismail Khan	59.493	Revised PC-I scrutinized/ processed in the MoI&P and approved in the DDWP meeting dated 1 st June, 2021 without any change in cost of the project.
Total		3886.851	

Central Development Working Party (CDWP)

Sr#	Name of the Project	Total Cost Rs. In Million	Status
1	Establishment of Karachi Industrial Park on 1500 acres of PSM land at Karachi including feasibility.	6270.000	PC-I scrutinized/ processed in MoIP and feasibility component of the project at the cost of Rs.400.00 Million was approved in the CDWP meeting held on 4 th June, 2021.
2	National Strategic Programme for Acquisition of Industrial Technology (NSPAIT) including feasibility study	3362.830	Modified PC-I scrutinized/ processed in light of the feasibility studies on 12 interventions and forwarded by MoIP to Ministry of Planning, Development and Special Initiatives for consideration of the CDWP.
Total		6,694.921	

**Government of Pakistan
Industries and Production Division
PSDP 2020-21**

(Million Rupees)

Sr. No	Name of the project	Executing Agency	Capital Cost	Revised Allocation FY 2020-21	Releases/ Utilization in FY 2020-21
1	2	3	4	5	6
1	Business Skill Development Center for Women at Dera Ismail Khan	SMEDA	59.493	20.000	1.851
2	Establishment of Hub Special Economic Zone, Lasbela	LIEDA, GOB	2287.84	100.000	21.298
3	Establishment of Metal Park in Balochistan (Feasibility)	Mines and Mineral Development Dept, GOB	300.000	50.000	50.000
4	Footwear Cluster Development through CAD/CAM & Machining, Lahore	TUSDEC	78.690	22.000	20.745
5	Fruit Dehydration Unit, Swat	SMEDA	59.94	11.992	11.992
6	Hyderabad Engineering Support Centre (HESC), Hyderabad.	TUSDEC	276.11	26.950	22.51
7	Industrial Designing & Automation Centers at Karachi, Lahore & Sialkot.	TUSDEC	972.970	132.325	35.368

8	Light Engineering Upgradation Centre for SMEs in Balochistan (LEUC), Hub Lasbela.	TUSDEC	264.80	24.215	18.86
9	National Business Development Programme for SMEs, All over Pakistan	SMEDA	1954.978	141.008	138.168
10	National Strategic Programme for Acquisition of Industrial Technology (NSPAIT) including Feasibility (Knowledge Economy Initiative)	TUSDEC	2914.00	33.400	15.324
11	Peshawar Light Engineering Centre (PLEC), Peshawar.	TUSDEC	296.53	69.840	19.97
12	Product Development Center for Composites Based Sports Goods, Sialkot	SMEDA	529.77	214.970	210.390
13	SME Business Facilitation Center, Multan	SMEDA	59.89	10.000	10.000
14	1000 Industrial Stitching Units All over Pakistan (Phase-I)	SMEDA	350.545	46.800	40.378
15	Establishment of 132KV Grid Station at Bin Qasim Industrial Park (BQIP), Karachi	NIP	1493.081	300.000	0.000
Total			11898.636	1203.500	616.863

3.0 PUBLIC SECTOR CORPORATIONS / ORGANIZATIONS

3.1 PAKISTAN INSTITUTE OF MANAGEMENT (PIM).

Brief History:

Pakistan Institute of Management (PIM) was setup in 1954 to provide management trainings to the professionals and managers working in industry and other organizations both in public & private sectors. PIM works as an autonomous body under the administrative control of the Ministry of Industries and Production (MoIP), GoP. PIM is the oldest and the larger management training institute in Pakistan.

PIM's head office is located in Clifton, Karachi with branch offices in Lahore and Islamabad. Presently, total number of employees is 111. Annual budget for the year 2020-21 was Rs. 250 million with grant-in-aid of Rs. 84 million, which means around 33% of expenditure was met from grant-in-aid and around 67% from PIM's own sources of revenue.

PIM's Mission: Progress Through better Management and Good Governance.

PIM's Charter / Vision: To take a lead role in management training and development in Pakistan.

PIM's Core Business / Activities:

i) Management Training, ii) Management Education, and iii) Consulting.

PIM offers short duration management training programs in around 100 or more topics, and 3 to 4 months duration diploma & certification programs in around 25 topics.

A. Achievements and Initiatives Taken during the year 2020-21:

1. PIM trained 2,395 professionals of middle and senior management level from government, public sector organizations, and private sector organizations in 2020-21. So far, PIM has trained more than 250,000 managers and professionals since its inception in 1954.
2. Numbers of new training programs and diploma programs were launched successfully, keeping in view the latest trends in management practices and need of our client organizations.
3. Provided consulting services to one of the national organizations for improvement with their operations, effectiveness and results.
4. Provided counselling services to several professionals related to their career, growth and personal life for handling increased pressure / tension due to Covid-19 and increase in unemployment.
5. MoUs were signed with many organizations to create synergy with other organizations and improve or enhance our offerings.
6. Continued working on Engineering Business Management (EBM) at PIM Karachi by the University of Warwick, UK. The program got delayed due to COVID-19, and is now expected to be launched in January or February 2022.

3.2 SMALL AND MEDIUM ENTERPRISES DEVELOPMENT AUTHORITY (SMEDA)

Small and Medium Enterprises Development Authority (SMEDA), the apex SME development organization of the Government of Pakistan, has an all-encompassing mandate of fostering growth of the SME sector. SMEDA's broad portfolio of services includes; business development services, infrastructure development through establishing common facility centers, industry support for productivity enhancement and energy efficiency, human capital development through its training programs, and SME related projects with national and international development partners. Salient activities/achievements of SMEDA during financial year 2020-21 are given below:

I. National SME Policy

SMEs were first recognized as a distinct segment at policy level in 2007 when the Federal Cabinet approved the First National SME Policy of Pakistan. Since the approval of the SME Policy 2007, various initiatives have been taken to promote SME growth in the country. Apropos of changing economic conditions and government's commitment to promote the SME sector, SMEDA developed a draft National SME Policy 2020, which will serve as Government of Pakistan's Master Plan for providing support to catalyze growth of the sector. **National SME Policy Action Plan 2020 has been approved by the Prime Minister of Pakistan in October 2020.**

The focus of the new SME Policy is on job creation, export enhancement and increased contribution of SMEs in the national economy. The Policy will address core SME development issues, including access to finance, business development services (HR development, technology, marketing, market access, standards and certifications etc.), simplification & rationalization of taxation regime, reduction in cost of doing business and strengthening of SMEDA.

- Focus areas for SME support, with regular monitoring / reporting include:
 - Enhancing SMEs Access to Finance (*Lead Agency – State Bank of Pakistan*)
 - Regulatory Guillotine/Regulatory Simplification for SMEs (*Lead Agency – Board of Investment*)
 - Simplified Taxation Regime for SMEs (*Lead Agency – Federal Board of Revenue*)
 - SME Development Fund (*Lead Agency – SMEDA*)
 - National SME Policy 2020 (*To be submitted for approval of Federal Cabinet*)

II. Grants Program for SMEs

I. National Business Development Program for SMEs (NBDP):

- .1.1 National Business Development Program for SMEs (NBDP) is a PSDP project for providing SME start-up support & business improvement through practical, on-ground services to SMEs. The project shall be instrumental in establishing new enterprises and building the capacity of existing enterprises through provision of Business Development Services (BDS), such as; marketing, technology, incubation, research & development and organizational development services. The project envisages to facilitate 314,901 SMEs, over a period of five years.
- .1.2 SMEDA under NBDP project launched its Organizational Development (OD) Grants Program. OD Grant up to PKR 500,000 will be provided to support SMEs. During FY 2020-21, field verification of applicants for 120 OD Grants was completed, out of which 47 grants disbursed. In addition to this, NBDP conducted 965 Training Programs (37,999 trainees) and 433 Help Desks (8,216 Beneficiaries) besides facilitating 2,075 SMEs through SME Business Helpline (042-111-SME (763)-111).

II. 1000 Industrial Stitching Units (ISUs):

SMEDA is implementing a PSDP project titled '1000 Industrial Stitching Units (ISUs)'. In the first phase of the project, 150 stitching units will be established. 60% of the machinery cost of the stitching units will be provided as a grant by the project. During FY 2020-21, around 250 grant applications have been received and 46 grant cases were approved by the Project Steering Committee. 32 Grants were disseminated for establishment of Industrial Stitching Units across the country.

III. Economic Revitalization of Khyber Pakhtunkhwa and FATA (ERKF)

The Multi Donor Trust Fund (MDTF) project 'Economic Revitalization of Khyber Pakhtunkhwa and Federally Administered Tribal Areas (FATA)' was implemented by SMEDA in collaboration with the provincial government of Khyber Pakhtunkhwa to provide support for rehabilitation of businesses in the region. After the successful completion of Phase-I, MDTF extended the project to Phase-II (2017-2020). Under Phase-II, ERKF Project is offering support to SMEs on the basis of 50% matching share through the following types of grants:

- a. **Rehabilitation Grant** - This grant is given to SMEs for rehabilitation of businesses affected by crisis in Khyber Pakhtunkhwa and FATA. The program provides the flexibility of using these grants either for capital expenditures or for working capital.
- b. **Up-gradation Grant** - Up-gradation grant is available to those SMEs that have an existing business and they need support for upgrading their business processes for improving their productivity and efficiency.
- c. **Cluster Grant** - This type of grant is provided to groups of SMEs (at least 5 SMEs). Preference is given to those projects that benefit, not only the concerned SMEs, but the entire cluster.

During FY 2020-21, SMEDA under ERKF approved/ sanctioned a total amount of PKR 447.08 Million to facilitate 584 SMEs in the region.

III. Public Sector Development Programme (PSDP) Funded Projects

Federal Government has kept an active focus on supporting SME development through undertaking various initiatives to build SME skills, access to technology and developing modern business infrastructure. SMEDA, during FY 2020-21 SMEDA implemented following PSDP funded projects:

New PSDP Projects:

1. **Product Development Center for Composites Based Sports Goods, Sialkot:** The project will serve as a Common Facility Center for manufacturing of composite sports goods i.e. Hockey sticks, Baseball and Cricket bats, Billiard Ques, Rackets, & Fishing Tackle & Golf sticks (10,800 products per annum). The project aims to support local industry to aggressively enter into the international market of composite-based sports goods. The total cost of project is PKR 487.97 million out of which an allocation of PKR 210.39 million was made in FY 2020-21. Civil work has been completed and contract for supply, installation, commissioning of Plant, Machinery was awarded to successful bidder.
2. **Fruit Dehydration Unit, Swat:** Fruit Dehydration Unit, Swat is a Common Facility Center for processing (washing, slicing, packing, and storing) of fruits and vegetables that will replace existing hazardous and obsolete sun drying practices with modern dehydration and packaging methods as per international standards. The total cost of the project is PKR 59.94 million out of which an allocation of PKR 11.992 million was made in FY 2020-21. Project is completed and fully operational and providing services to SMEs. The Facility has successfully processed 21 tons of fruits (persimmon, peach, musk melon, mango, apple and vegetables).
3. **SME Business Facilitation Center (SMEBFC), Multan:** Objective of the project is to facilitate SMEs in the region through provision of services offered by SMEDA for extending business development support to the local SMEs. The total cost of project is PKR 59.89 million out of which an allocation of PKR 10.00 million was made in FY 2020-21. During the year, SMEBFC provided following services to SMEs:
 - Training Programs conducted: 63 (3,695 participants)
 - SME Profiling completed: 300
 - BDSPs Network : profiles of 12 BDSPs collected
 - OTC developed: 4
4. **Business Skill Development Centers for Women at Dera Ismail Khan:** The establishment of Business Skill Development Center will promote an entrepreneurial culture amongst women in Dera Ismail Khan. The total project cost is PKR 59.49 million out of which an allocation of PKR 15 Million was made for FY 2020-21. Following services will be offered through BSDC:
 - Development of Display Centers
 - Development of Exhibition Centers
 - Engagement of Business Development Services (e.g. accountants, lawyers, product developers)
 - Help Desks for advisory Services

Ongoing PSDP Projects:

1. **Sports Industries Development Centre (SIDC), Sialkot** - SIDC provides common facility services for developing mechanized inflatable balls. The project has successfully manufactured approx. 2.5 Million different sports goods of international standard. The Project stands completed and has been providing manufacturing facilities for Bladders, Thermo balls, Basketballs, Yarn Winding, etc. to SMEs / local industry as per requirement. During the year, following sports goods were produced.

- Bladders: 808,600 Nos.
- Thermo balls: 6,660 Nos.
- Basketballs: 7,315 Nos.
- Winding of bladders: 33,304 Nos.

2. **Sialkot Business & Commerce Center (SBCC)** offers 216 Stalls for around-the-year exhibitions and 25 Business Incubation Offices for matchmaking and B2B meetings. The project shall facilitate 1000 SMEs per annum, besides providing direct and indirect employment to 120 persons. The project is operational and providing service to local SMEs.

IV. **Projects with International Development Partners**

i. **Growth for Rural Advancement and Sustainable Progress (GRASP)- European Union**

GRASP has been designed as an all-inclusive project as it incorporates full integration of rural and urban features of agriculture and industry through SME development in Balochistan and Sindh.

GRASP is a project funded by the European Union and implemented by the International Trade Centre (ITC). The project encompasses the activities related to institutional and policy environment for small firms, support small-scale farmers and producers to boost competitiveness of small-scale firms. SMEDA being the leading stakeholder in the regions of Sindh and Balochistan, will provide implementation support to ITC.

ii. **SMEDA Industrial Support Program**

SMEDA collaborates with international development organizations such as Japan International Cooperation Agency (JICA), German International Cooperation (GIZ), Training and Development Centers of the Bavarian Employers Association (bfz), Germany and local experts to extend support to the local industries. Technical assistance is provided to SMEs in order to enhance competitiveness by improving productivity, quality and energy efficiency.

Details of facilitation and support provided during the period are given below:

- Baseline Energy audits were conducted in 08 SMEs from auto parts sector and sports goods sector.
- Provided technical assistance in implementation of Japanese productivity and quality tools like 5s/5T to 32 SME units.
- Organized training programs & workshops and webinars in the areas of energy efficiency, productivity, quality, 5S/5T, total productive maintenance, etc.
- Developed technical guide on Inventory Management, Electric Motors, Benefits of Power Factor Improvement etc.

iii. **FATA Economic Revitalization Programme (FERP)**

Under Business Development Grants component of FERP, SMEDA technically reviewed and validated 4,350 business plans which has resulted in creation and strengthening of 4,000 micro enterprises in the Merged Areas. The creation and strengthening of these enterprises have also led to 4,000 direct jobs and indirect support to over 10,000 households.

Economic Cooperation & Development Forum (ECDF) platform has also been set-up to discuss challenges and opportunities to accelerate economic growth in the Newly Merged Districts (NMDs). The forum comprises 50 experts from public sector, think tanks, donors, civil society organizations, academia, banks, chambers and private sector. During the period, a comprehensive Policy document has developed in consultation of key stakeholders. The “Final Recommendations Document” under the ECDF forum is an action plan that aims to bring economic prosperity of the merged areas and the proposed interventions envisage to create millions of jobs, infrastructure development and increase in public and private sectors investments in the region. A comprehensive Economic Development Plan (EDP) for economic development of NMDs has been developed and submitted to Planning & Development Department Government of Khyber Pakhtunkhwa for approval and implementation.

iv. UNDP-Small Business Interventions to Support Development of Clusters through CFCs:

SMEDA and UNDP are jointly implementing Small Business Interventions Project. Under the project, 11 CFCs (7 in Khyber Pakhtunkhwa and 4 in Sindh) will be established. During the period, 4 and 3 CFCs were established at Khyber Pakhtunkhwa and Sindh respectively.

V. Provision of Policy inputs and Advocacy:

One of the core areas of SMEDA’s interventions is to provide input on various policies of the Federal Government to protect SME interest. These include:

- i. Federal Budget 2021-22:** SMEDA conducted a round of consultation with key SME stakeholders including, chambers of commerce and industry, trade associations, private sector and sector development companies to solicit their inputs for developing SME specific policy recommendations / proposals for Federal Budget 2021-22. After this extensive exercise, SMEDA has submitted recommendations for Federal Budget 2021-22 to Ministry of Industries & Production for onward submission to Ministry of Finance (MoF) and Federal Board of Revenue (FBR) to seek special attention for SMEs in the upcoming budget.
- ii. Other Government Policies:** During FY 2020-21, policy inputs were also provided on Technological Advancement - Industrial Acquisition Policy, Pakistan National Quality Policy, Agriculture and Rural Transformation for Economic Growth and Equity Strategy (2021-2023).

VI. Supporting SMEs During COVID-19 Pandemic:

- i.** An online survey titled “*Impact of COVID-19 on SMEs*” was carried out by SMEDA in collaboration with **Mahbub ul Haq Research Centre (MHRC), LUMS**. The survey was conducted from August till October 2020, after the lockdown had been lifted. The survey is now completed and the report is available at SMEDA website.
- ii.** SMEDA collaborated with the **Asian Development Bank Institute (ADB) and Asian Productivity Organization (APO)** to conduct an online survey in Pakistan, in which, 236 SMEs participated. The report of the survey has been developed and shared with ADBI.

VII. Special Initiatives

- i. SMEDA ONE WINDOW (SOW)**

SMEDA recently launched a program, SMEDA One Window (SOW). The SOW Program aims to link SMEs and startups with national and provincial regulatory authorities for compliance with regulations especially at the start-up stage. It consolidates current federal and provincial government procedures into simplified processes through One Window Service that directly benefits enterprises that fall under key ownership / legal structure including Sole Proprietorship, Partnership Registration with Registrar of Firms, Limited Liability Partnership and Private Limited Company registration with SECP. Smaller enterprises, which suffer disproportionately from the burden of compliance, will also be beneficiaries of this process of administrative simplification of starting and running the business. **Since launch of SOW in September 2020, around 250 applications have been received while Letter of Intent (LOI) has been issued to 136 applicants.**

ii. Supporting E-Commerce

Digital platforms and e-commerce hold immense potential for SMEs. In this regard, SMEDA is providing support to SMEs through capacity building for on-boarding SMEs on digital platform, including Amazon. Furthermore, partnerships are being developed with service providers to support developing capacity of SMEs. SMEDA intends to develop a sector strategy for strengthening E-commerce ecosystem.

VIII. Institutional Strengthening & Stakeholders Networking

One of the core functions of the organization is to strengthen institutional ties with local and international agencies. During the period under consideration, SMEDA signed Memorandum of Understanding (MoU) with Trade Development Authority of Pakistan (TDAP), Sustainable Development Policy Institute (SDPI), Mahbub-ul-Haq Research Centre (MHRC), LUMS, University of Central Punjab, Lahore and Hailey College of Commerce, University of The Punjab.

IX. SMEDA Over the Counter (OTC) Services

Sr.	Initiatives	Achievements (2020-21)
1	SME Facilitation (<i>Walk-ins</i>)	5691
2	Pre-feasibility Studies Development (<i>New & Updated</i>)	86
3	Investment Facilitation (<i>PKR Million</i>)	399.15
4	Business Plans	10
5	Training Programs (<i>in-house & outsourced</i>)	233
6	Thematic Helpdesks (<i>in-house, outsourced & online</i>)	91
7	OTC Documents (<i>Information Material /Regulatory Procedures/ Commercial Contracts etc.</i>)	13
8	Sector/ Cluster Profile (<i>New and updated</i>)	13
9	District Economic Profile (<i>New & updated</i>)	1
10	SMEDA Web Portal (<i>Download Statistics</i>)	158,415

3.3 EXPORT PROCESSING ZONES AUTHORITY (EPZA)

Export Processing Zones Authority (EPZA) was established by the Government of Pakistan in 1980 under Ordinance IV of 1980 with the mandate to plan, develop and manage Export Processing Zones (EPZs) in Pakistan. EPZA is an autonomous body under the Industries and Production Division.

Vision of EPZA is to proactively facilitate the investors and create enabling environment for them to enhance export-led manufacturing, trade and investment so as to achieve export targets of US \$ one billion in coming year. The mission statement of EPZA is as under:-

“Making all arrangement for planning, development and management of the zones and to provide for matters connected therewith or ancillary thereto”.

EPZA offers following incentives / facilities to investors:-

Incentives

- Developed land on competitive rates for 30 years
- Duty-free import of machinery, equipment and materials
- Freedom from national import regulations
- Exchange control regulations of Pakistan not applicable
- Repatriation of capital and profits
- No sales tax on input goods including electricity/gas bills
- Presumptive tax @ 1%
- Only EPZA is authorized to collect Presumptive tax at the time of export of goods which would be final tax liability.
- Obsolete/old machinery can be sold in domestic market of Pakistan after payment of applicable duties & taxes
- Defective goods/waste can be sold in domestic market after payment of applicable duties, maximum up-to 3% of total value
- EPZ units allowed to supply goods to Custom manufacturing bonds

Facilities

One window operation with simplified procedures:

- All facilities like electricity, gas and water are made available
- Peaceful, secure and environmentally protected pollution-free work area
- Inter-unit transfer of finished goods among exporting units allowed
- Easy access to sea and air ports

Following EPZs have so far been made operational by EPZA across the country:

EPZ Name	Area	Status
1) Karachi Export Processing Zone (KEPZ) – The First Project of EPZA		
Karachi EPZ Phase-I Funded by the Government	211 acres	In operation
Karachi EPZ Phase-II Self-Financed by EPZA	94 acres	In operation
Karachi EPZ Phase-III land acquired by EPZA through its own funds	80 acres	Development work in progress
2) Risalpur Export Processing Zone (Managed by Khyber Pakhtunkhwa Economic Zones Development & Management Company) (KP, EZDMC) former name is Sarhad Development Authority)	92 acres	In operation
3) Sialkot Export Processing Zone (Managed by Punjab Small Industries Corporation)	238 acres	In operation
4) Gujranwala Export Processing Zone (Infrastructure being developed)	113 acres	In operation
5) Saindak Export Processing Zone (Operated by Chinese Company)	1284 acres	In operation
6) Duddar Export Processing Zone (Operated by Chinese Company)	1500 acres	In operation
7) Tuwaiqi Export Processing Zone (Operated by Saudi company)	220 acres	(dormant)

Export Performance of EPZs during Financial Year 2020 – 2021 remained as under:-

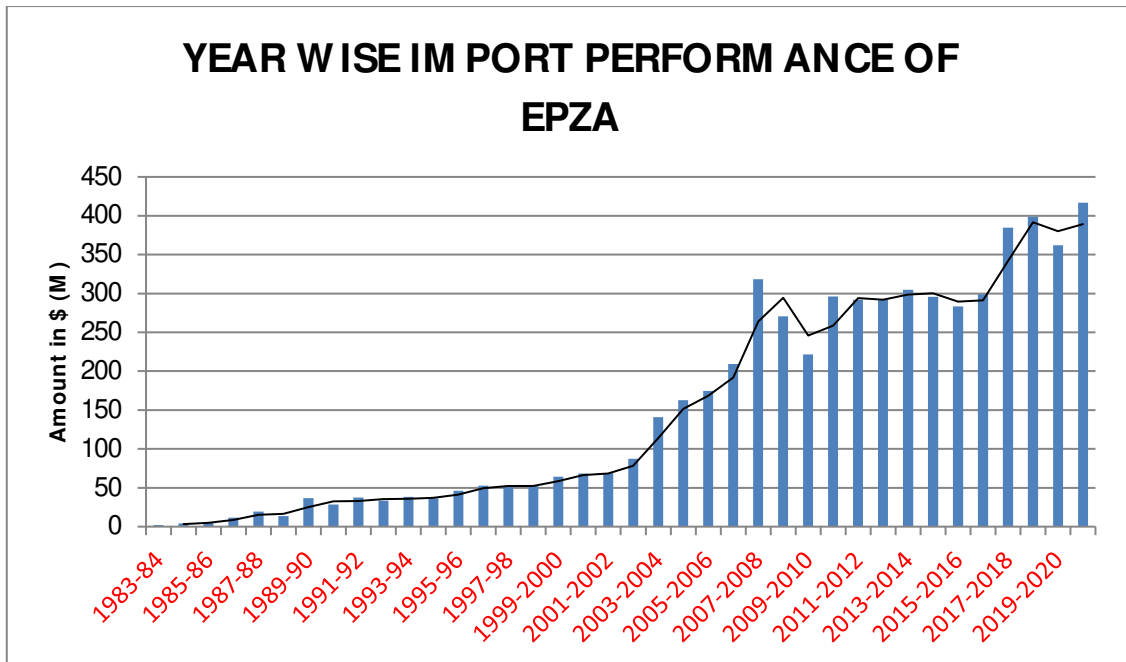
(Figure in US \$ million)

S.No	Name of EPZ	Export during July 2020 to June 2021
1.	Karachi EPZ	626.699
2.	Saindak EPZ	173.629
3.	Duddar EPZ	91.212
4.	Risalpur EPZ	00.745
5.	Sialkot EPZ	14.407
6.	Tuwairqi EPZ	(Dormant Unit)
7.	Gujranwala EPZ	01.606
	Total	908.298

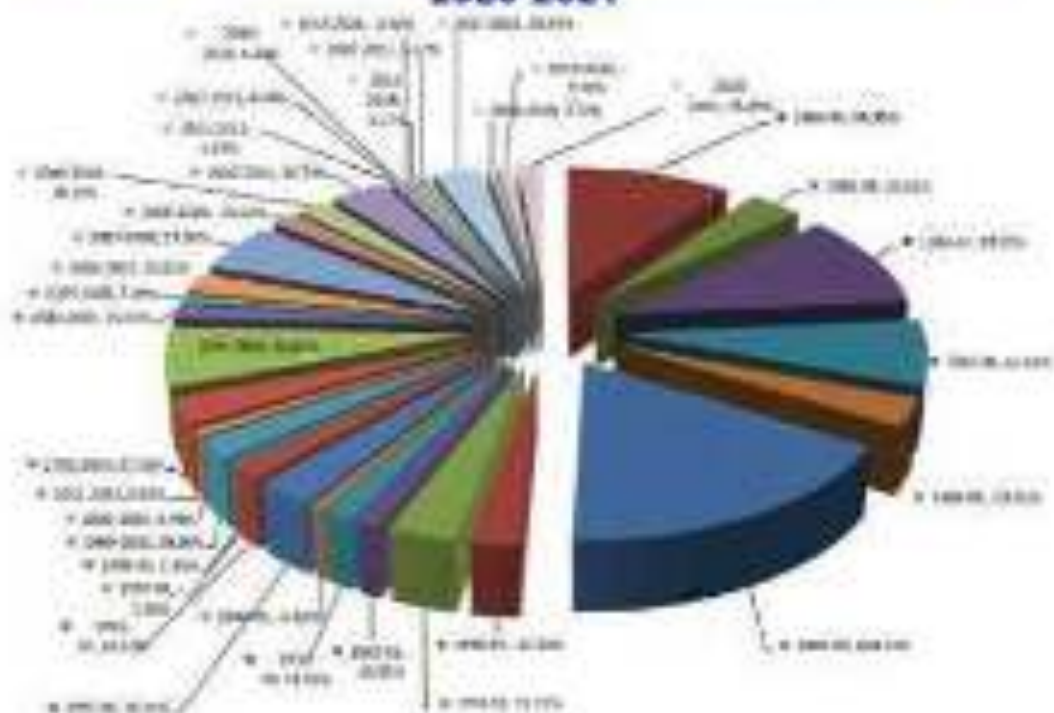
Major Achievements of EPZA in quantitative terms are as follows:-

- Export performance of EPZA during 2020-2021 is US\$ 908.606 million as compared to the last year FY: 2019-2020 i.e. 638.033 million, which is 42% higher than the last year. The exports in 2019-20 were recorded comparatively low due to pandemic situation of covid-19. However, exports of EPZs have been recorded an upward trend since its inception. Cumulative exports by all zones uptill 2020-21 remained to the tune of US\$ 9980.628 millions.

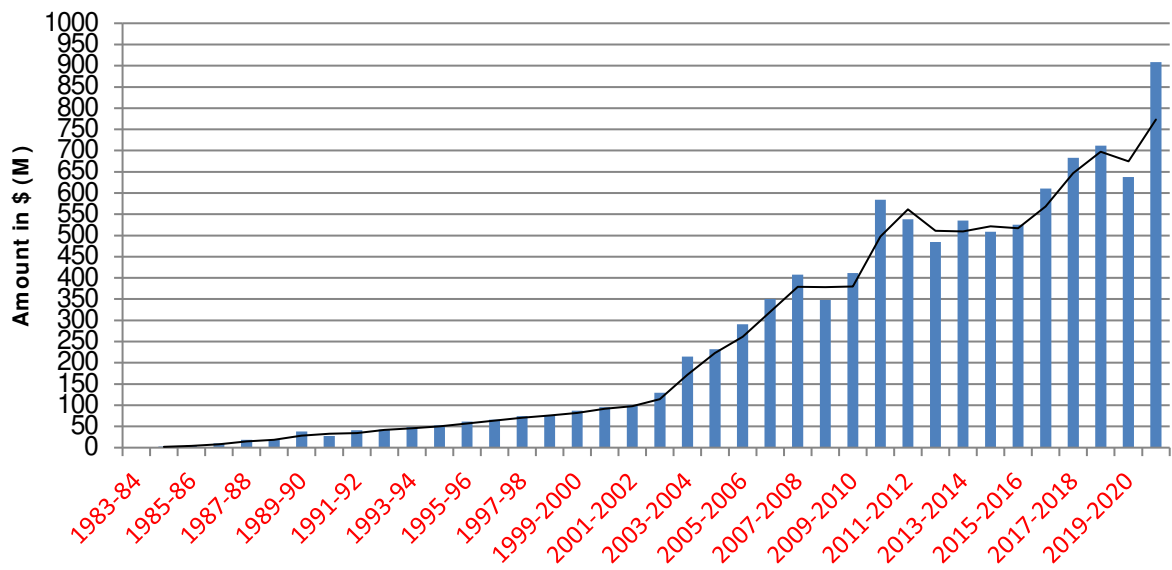
PERFORMANCE OF EPZA SINCE INCEPTION



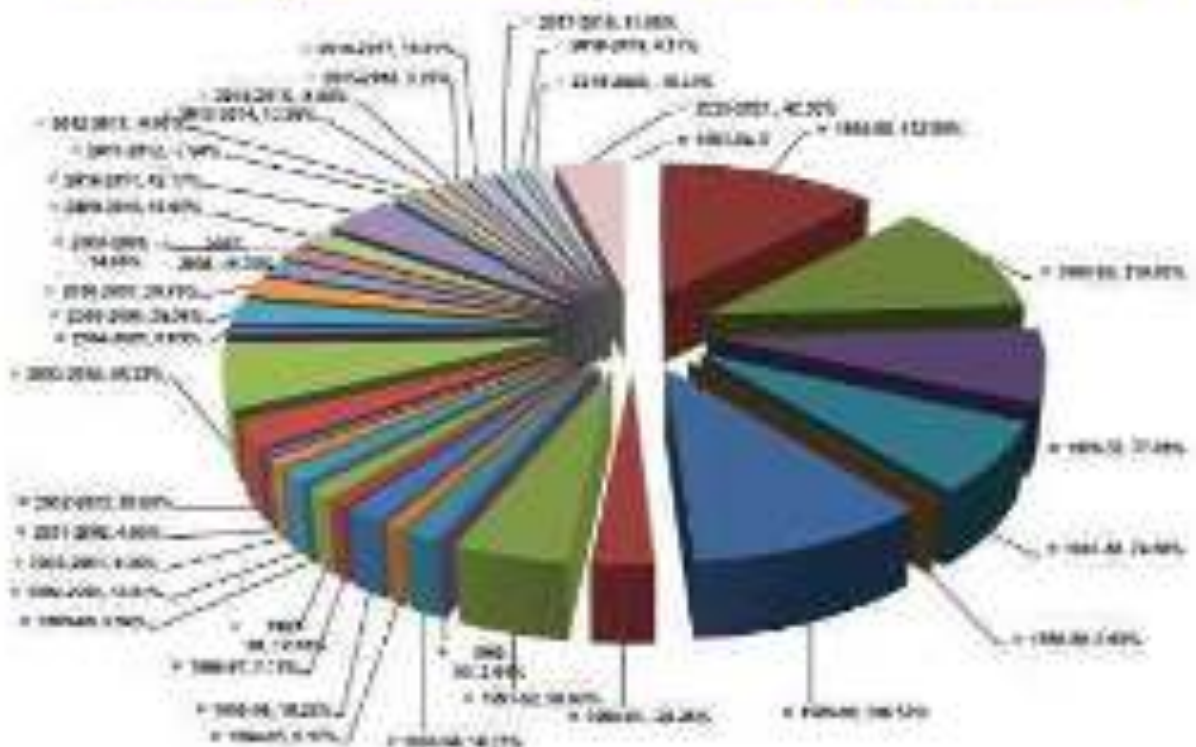
Export Processing Zones Authority Yearwise % Percentage of Import Since FY(S)1983 To 2020-2021



YEAR WISE EXPORT PERFORMANCE OF EPZA



Export Performance of EPZA Yearwise Export Percentage 1983-1984 To 2020-2021



- Provides jobs to 35,000 (approx) local population comprising around 70% women.
- EPZA has contributed an amount of US \$ 9.083 million in Government treasury on account of presumptive tax during the FY: in 2020-21.

FUTURE PLANS

KEPZ is the first project of EPZA. It is established on area of 305 acres in two phases. (Phase I & II). Now both the phases (I & II) have been fully colonized. For further expansion EPZA (KEPZ Phase-III) is working on JV with National Industrial Park Company.

GWADAR Export Processing Zone (GEPZ) shall be developed on 1000 acres after consultation with other stake holders for industrial promotion activities. The establishment of GEPZ will be finalized later on subject to the demand & availability of land adjoining the port area as priority currently being accorded to SEZ by the Government.

3.4 PAKISTAN INDUSTRIAL TECHNICAL ASSISTANCE CENTRE (PITAC)

PREAMBLE

Pakistan Industrial Technical Assistance Centre (PITAC) was formed in 1962 with the merger of Industrial Research and Development Centre (IRDC) and Industrial Productivity Centre (IPC) as an Attached Department and Converted into Autonomous Agency in 1962 and registered under Societies Registration Act 1860.

PITAC is a Non-Profit-Making Public Enterprise established for providing services to SMEs / Cottage Industry with the objective to facilitate growth of SMEs with resultant employment generation which contributes in the promotion of National Economy through Development of Production Tooling, Engineering Products (Prototype) and Skilled Work Force / Entrepreneur. It is a Common Facility Centre (CFC) for Technological Back up support services to Public / Private Organizations which is not workable in private sector.

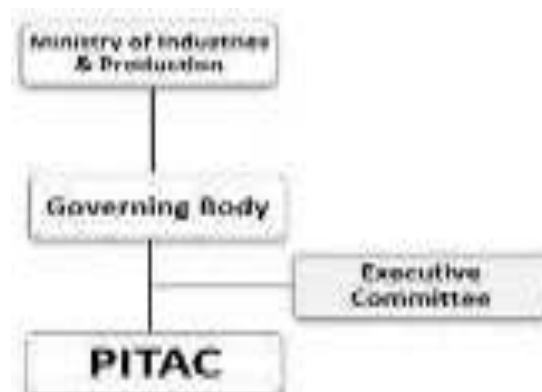
GEOGRAPHICAL COVERAGE

The Headquarter of PITAC is situated at Lahore and its Regional Centre(s) are at Karachi (Sindh), Peshawar (KPK), Quetta (Balochistan), Mirpur (AJK) and Gilgit Baltistan.

ORGANIZATIONAL STRUCTURE OF PITAC

The Operational Structure of PITAC is as follows: -

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



MISSION STATEMENT

To upgrade, advise, disseminate and extend assistance & skill development in technical and managerial fields for individuals and organizations throughout the Country.

MAIN OBJECTIVES OF PITAC

The aims and objectives of PITAC are as under:

- (a) To train and upgrade the skills of industrial personnel in technical and managerial fields.
- (b) Disseminate modern technical know-how among industrial personnel through seminars, group discussions, demonstrations, publications, film shows, etc.
- (c) Extend advisory services to industrial organizations and industries;
- (d) In conjunctions with the training program the Centre will continue to introduce through demonstration modern manufacturing techniques and production methods, while at the same time producing newly designed tools and products (proto-types) which contribute to the advancement of Pakistan's Industrial Development.

CORE FUNCTIONS

PITAC has following functions: -

- Technological Backup Support and Advisory Services.
- Technical and Managerial Training Services.
- Technical Education Services.
- Entrepreneurship Training and Development Services.

PITAC COLLEGE OF TECHNOLOGY (PCT)

PITAC College of Technology (PCT) provides Technical Education i.e. Diplomas of Associate Engineering (DAE) to the students to produce technologist for the Industry & development of Technical Entrepreneurs in the disciplines of Mechanical, Electrical.

CURRENT ACTIVITIES OF PITAC

a) TECHNICAL EDUCATION, TRAINING AND SKILL DEVELOPMENT

Short-Term Programs

- * Technical and Managerial Training Programs (6- 12 Weeks)
- * Workshops / Seminars / Symposiums
- * Customized Training Programs
- * PSDF and NAVTTC Funded Technical programs
- * Internship Training Programs (OJT) (2 to 3 months) for Professional Students)

Long-Term Programs

- * Apprenticeship Training Programs for Technical Personnel (One Year)
- * DAE Programs in following Technologies (03 Years)
 - i. Mechanical
 - ii. Electrical
 - iii. Computer Information Technology (CIT)
 - iv. Die & Mold Manufacturing

The Salient Features:

- * Skill Development of Underprivileged Youth
- * Skill Upgradation of Existing Industrial Personnel
- * Dissemination of Modern Technical Know-how
- * Qualified and Foreign trained Engineering Professionals cum Trainers having Market Exposure.
- * Advanced Engineering Labs & Workshops

b) TECHNOLOGICAL BACKUP SUPPORT, TECHNICAL ASSISTANCE AND ADVISORY SERVICES TO INDUSTRIES / SMEs: -

- * Design and Development of Product, Production Toolings and Engineering Components (Prototype)
- * Common Facility Centre (CFC)
- * Facilitate industry (micro, small and medium) for Improvement in quality of the products, process, productivity etc.
- * Contribute in Import Substitution, Industrial Advancement, New startups.
- * Technical support to Entrepreneurs, Engineering students for their innovative ideas/ projects.

SKILL DEVELOPMENT PLAN / PERFORMANCE AGREEMENT

- a. The Ministry vide letter, dated: 10-09-2020 approved Skilled Development Plan (SDP) / KPIs for FY 2020-2021. The Honorable Secretary (I&P) showed his satisfaction on the current activities and future plans and appreciated performance of PITAC after having presentation from PITAC Management on 26-03-2021 in the Committee Room of Mol&P, Islamabad.
- b. PITAC has successfully completed the approved Skill Development Plan/Performance Agreement for the FY-2020-2021.

1. ACHIEVEMENTS

a) TECHNICAL EDUCATION, TRAINING & SKILL DEVELOPMENT

Sr. No.	Outcomes	Selected Performance Indicators	Target Achieved
			2020-21
1.	Provision of Technical and Managerial Training Services to Public and Private Sector Organizations, Industrial Personnel and Individuals	No. of Courses conducted in Technical and Managerial Training Fields	149
2.		No. of Trainees Trained in Technical and Managerial Training Fields	1196
3.		No. of Workshop / Seminars / Symposiums organized in Technical and Managerial Training Fields	34
4.		No. of Participants participated in Workshop / Seminars / Symposiums of Technical and Managerial Training Fields	983
5.		No. of Courses / Workshop / Seminars / organized for Entrepreneurship Development	0
6.		No. of Participants participated in Courses / Workshop / Seminars / organized for Entrepreneurship Development	0
7.		No. of Technical Personnel trained under Apprenticeship Training Program (For Engineers, DAEs and Technicians) and Internship Training Program (For University / College Students)	40

8.	No. of Technologists produced under Technical Education Program of Three (03) Year Diploma of Associate Engineer (DAE) in PITAC College of Technology (PCT)	435
Total		2837

b) TECHNOLOGICAL BACKUP SUPPORT, TECHNICAL ASSISTANCE & ADVISORY SERVICES TO INDUSTRIES / SMES

Sr. No.	Outcomes	Selected Performance Indicators	Target Achieved
			2020-21
1.	Provision of Technological Backup Support and Advisory Services to Industry.	Computer Aided Designing (CAD) of Engineering Products, Precision Parts, Prototypes & Production Toolings (Incl. Dies, Molds, Jigs, Fixtures, Precision Inspection Gauges etc.) – In Nos.	54
2.		Computer Aided Machining (CAM) of Engineering Products, Precision Parts, Prototypes & Production Toolings (Incl. Dies, Molds, Jigs, Fixtures, Precision Inspection Gauges etc.) – In Nos.	105
3.		Reverse Engineering of Engineering Products, Precision Parts, Prototypes & Production Toolings (Incl. Dies, Molds, Jigs, Fixtures, Precision Inspection Gauges etc.) – In Nos.	08
4.		Conventional Machining of Engineering Products, Precision Parts, Prototypes & Production Toolings (Incl. Dies, Molds, Jigs, Fixtures, Precision Inspection Gauges etc.) – In Nos.	151
5.		Inspection Services of Engineering Products, Precision Parts, Prototypes & Production Toolings (Incl. Dies, Molds, Jigs, Fixtures, Precision Inspection Gauges etc.) – In Nos.	352
6.		Heat Treatment of Engineering Products, Precision Parts, Prototypes & Production Toolings (Incl. Dies, Molds, Jigs, Fixtures, Precision Inspection Gauges etc.) – In Nos.	72
7.		Super Finishing of Engineering Products, Precision Parts, Prototypes & Production Toolings (Incl. Dies, Molds, Jigs, Fixtures, Precision Inspection Gauges etc.) – In Nos.	132
8.		Tool Room Machining (TRM) of Engineering Products, Precision Parts, Prototypes & Production Toolings (Incl. Dies, Molds, Jigs, Fixtures, Precision Inspection Gauges etc.) – In Nos.	295
9.		Refrigeration & Air conditioning Services – In Nos.	46
10.		Development of Engineering parts through various methods i.e. press working, casting, molding, welding etc. – in Nos.	322
11.		No. of Advisory Services extended	22
Total			1559

HIGHLIGHTS OF OTHER ACTIVITIES BY PITAC IN FY 2020-21

PITAC COLLEGE OF TECHNOLOGY

Campaign for new Admissions

1. Campaign successfully made for new admission for DAE Mechanical and Electrical Technologies for academic year 2020-21.

In-Campus/Online Classes for imparting technical knowledge & skill to PCT students

1. In pandemic Corona Virus situation and late announcement of Matric Result, student admitted and in-campus classes were started w.e.f. September 15, 2020, however, PCT started online classes w.e.f. 01.12.2020. After winter vacations, further extension in vacations has been announced by Govt. till 17.01.2021, thus online classes were continued. College re-opened on 18.01.2021 for regular in-campus study under strict observation of SOPs.
2. In order to improve imparting of quality education both theoretically and practically one to one meetings with VP had been planned with each subject instructors from January 20-25, 2021
3. Office work was in progress with 50% staff strength under government policy implemented.

Establishment of PBTE Examination Centers at PCT

1. Two Examination Centers were established for 2nd annual examination 2020 for DAE commencing from 21.01.2021 to 10.02.2021. Arrangements were made for its facilitation and smooth running.
2. Internal and external examiners were appointed on 28.01.2021 to conduct practical of PCT students for 2nd annual 2020 exam.
3. Practical of PCT students were conducted from January 15 to February 25, 2021.

Send up Exam of PCT

- Exam of PCT students was conducted from March 5-19, 2021. During exam, lock down was once again imposed from 10th March, 2021. After completion of send up exam, paper marking and the result thereof was prepared.

Workshop for PCT students

- In light of forthcoming annual exam, special preparations Workshops for students were arranged w.e.f. April 5, 2021.

Establishment of new Labs. for CIT for Expansion of PCT Programs

- Due to introduction of Computer Information Technology (CIT), Hardware, Electrical and Electronic Labs have been constructed with availability of complete range of equipment for smooth conduct of DAE students' practical.

Registration of new Technologies in PSDA and Affiliation with PBTE

1. The Government of Punjab has established Punjab Skilled Development Authority (PSDA) for accreditation and registration of institutes to start up and imparting technical education in new technologies. PSDA has launched its online system for signup and registration of institutes in March 2021.
2. PITAC College of Technology successfully signed-up its account with PSDA in March 2021. Further process in progress for registration of new technologies with PSDA.
3. Efforts were made for getting NOC for Electrical Technology from PSDA and affiliation with PBTE. Inspection for extension in affiliation by PBTE was done on 08.12.2020.
4. PCT Management visited Govt. College of Technology, Printing & Graphics Arts, Wahdat Road, Lahore on 09.02.2021 regarding establishment of C.I.T's Lab in PCT.

Meetings/Correspondence to devise scheme of study for Dies & Mould Technology

1. Meetings of QDC NAVTTC for Dies & Mold Tech were held in PITAC for preparation of syllabus etc.
2. For development of 3-year syllabus of DMT, review and evaluation meetings of experts were conducted by NAVTTC in PITAC from January 25-29, 2021.
3. Meetings of NAVTTC were conducted for development of National Competency Standards for 3-year DAE Dies and Mould Technology.
4. QDC meetings were held in PITAC by NAVTTC from March 1 – 5, 2021 to prepare Assessment Packs etc. for Dies & Mould Technology.
5. A meeting of the officers of NAVTTC was arranged in PCT to resolve the issue of discrimination of Dies and Mould Technology. On the directives of the Director NAVTTC, a detailed letter addressed to Executive Director and copy to Director NAVTTC on 07.10.2020 to resolve the issue of discrimination of D&M Tech, draft for approval sent to DG PITAC. The reply is awaited.

Meetings/Correspondence to devise scheme of study for Manufacturing Technology

- Correspondence made with ED and Director (Skill Standards and Curricula) NAVTTC Islamabad to devise scheme of study/curriculum regarding manufacturing technology on 22.12.2020

Visit of PITAC by Mr. Khurram Pervaiz, Chairman Mechanical Engineering Department of Mirpur University of Science & Technology (MUS), AJK



Certificate Distribution Ceremony Was Held On 22nd March 2021 at Head Quarter PITAC



PITAC and PEC signed MoU to jointly bolster exports of Engineering Goods and Products of Pakistan



Signing Ceremony of MoU between PITAC and University of Management Technology



PITAC Regional office Sindh has been registered with PEC Pakistan Engineering Council as Professional Engineering Body " *PEB*" For CPD Activities to The Registered Engineers and Professionals Engineers.



PITAC Regional Centre Karachi's Event Gallery



Training session for Royal Thai Counselor General Thathree Chauchata, Apipn Cheecharoen Deputy counsel General Head Chancery and for official from Royal Thai Consulate at Ziffan Hotel Karachi.



Group Photo with 1st Batch of "Personality Development for Professionals" at PITAC Regional centre Sindh.



Group Photo on Successful training session "Essential Managerial Skills" @PITAC Regional Centre Sindh



Certificate Training "Food Technology, Food Safety & Quality Assurance"



Indus University organized a certificate distribution ceremony of Workshop "Industrial Electrical System & Application" that was held on 23rd January 2020. The seminar was organized by Indus University with the collaboration of Pakistan Industrial Technical Assistance Centre (PITAC). The aim of the workshop was to enable the current students and future engineers to meet the upcoming needs of the industry. Twenty-five students from the Department of Electrical Engineering were sent to participate in a one-day workshop entitled "Industrial Electrical System & Application".



Successful training session on "Effective Communication Skills" was held at women study department university of Karachi. Successful training program was organized for industrial persons at Bqati Bin Qasim Association of Trade & Industry (BQATI)



Training program on " *Lean Six Sigma* " was held @PITAC Regional office Sindh.



Successful training program was organized for Officers of Pak Army @ Pak Army Ordnance College

Trusted by Leading Enterprises Organizations



DEPUTY COMMISSIONER GILGIT VISIT TO PITAC GB



TRAINING SESSION OF SOLAR & UPS



RPL TEST of Mobile Repairing held in PITAC Regional Centre Quetta



PITAC Regional Centre Mirpur AJK was established in Sep 2013 and start effective working in 2015 with the mandate to provide Back up Support, advisory services, Technical & Managerial trainings to the industry and indigenous people of AJK.





3.5 NATIONAL FERTILIZER CORPORATION (NFC)

- NFC being the holding corporation facilitates its subsidiary / associated companies in managing their affairs in efficient manner. NFC has remained in profitable position during the year 2020-2021.
- During 2020-2021 NFC has earned a pre-tax profit of Rs.278 million. All the expenditure remained within the budgetary limits.
- NFC has deposited an amount of Rs.100 million as dividend to Government of Pakistan during 2020-2021.
- Task Force on Austerity and Government Restructuring on re-organizing the Federal Cabinet in its report dated July 3, 2019 had included National Fertilizer Corporation of Pakistan in the list of entities to be privatized or transferred to Sarmaya-e-Pakistan. NFC is still in the transition phase.
- Ministry of Industries and Production in its report on re-defined role of NFC after transfer of its subsidiaries has observed that the privatization of NFC as holding corporation is practically not possible as it is neither a producing unit nor has worthy physical assets which can be privatized.
- Ministry of Industries and Production has proposed that NFC may be retained as a think-tank company in current shape by redefining its role and objectives and by making amendments in its Memorandum and Articles of Association.

National Fertilizer Marketing Limited (NFML)

- Task Force on Austerity and Government Restructuring on re-organizing the Federal Cabinet in its report dated July 3, 2019 had proposed that National Fertilizer Marketing Limited be merged with Trading Corporation of Pakistan (TCP), Commerce Division.
- Cabinet Division vide its Notifications dated 23rd December, 2019 had approved merger of National Fertilizer Marketing Limited (NFML) with Trading Corporation of Pakistan (TCP).
- Ministry of Commerce issued a notification on 20th April, 2020 for transfer of operational control / functions of National Fertilizer Marketing Limited to Trading Corporation of Pakistan.
- Ministry of Commerce vide its notification dated 25th August, 2020 has constituted a Merger Committee to finalize merger of NFML with Trading Corporation of Pakistan under the Chairmanship of Additional Secretary-II, Ministry of Commerce.
- Several meetings of Merger Committee have been held to finalize merger of NFML with TCP. During 5th meeting of Merger Committee held on 19th April, 2021, financial matters as well as Human Resource related issues were discussed in detail. The process of merger of NFML with TCP and transfer of shares from NFC to TCP is likely to be completed in near future.

- During the year 2020-2021, no Urea has been sold / distributed by NFML due to sufficient availability of locally produced Urea in the country. Locally produced Urea was available all over the country due to prudent policy of allocation of LNG to fertilizer manufacturing plants.

3.6 STATE ENGINEERING CORPORATION (SEC)

State Engineering Corporation (SEC) is public sector organization working under the Ministry of Industries and Production, Government of Pakistan. Presently, the corporation is looking after affairs of the following two manufacturing units.

- Heavy Electrical Complex (HEC), Hattar
- Pakistan Engineering Company (PECO), Lahore

ROLE AND FUNCTIONS

- SEC is **custodian of Government of Pakistan investments** (GoP investment in SEC subsidiaries)
- Old HEC land having title in the name of Heavy Electrical Complex, located at Taxila, neither being depicted in the books of accounts of HEC nor mutated in the name of SEC till 28.06.2016. Subsequently, in the light of privatization process of HEC, SEC took up the matter with the Ministry for grant of required funds for the mutation of old HEC land in the name of SEC. Presently, out of total land 2530.05 Kanal, 1746.09 Kanal has been mutated in the name of State Engineering Corporation (SEC) and the remaining land is under process. Detail of land is as under:-
 - On the direction of Ministry, 12-acre (96 kanal) piece of land was leased out to the Government of the Punjab on 22.10.2005 for the establishment of TEVTA College for Boys on 99 years.
 - Consequent upon a Joint Venture, signed between SEC & PAEC on 12.5.1992, 100 acres (800 kanal) of land was allocated to Pakistan Atomic Energy Commission (PAEC) for the establishment Nuclear Equipment Workshop in the name of Heavy Mechanical Complex-3, against 20% Equity Share of SEC.
 - 242.16 kanal land was sold in September, 2007 to Workers Welfare Fund, Ministry of Labour & Manpower and the sale proceed was granted to HMC by the Ministry for its rehabilitation/restructuring.
- Act as a **Coordinating Agency / Focal Point** on behalf of Ministry of Industries & Production (**Federal Government**) to-safeguard government investment and oversee all the activities of the companies operating under its administrative control in the best national interest of the country.
- **Support its subsidiaries** in overall corporate planning, business development, acquisition of modern technology for product diversification and up-gradation of engineering facilities, funding arrangements, **where required**.
- SEC Board is the **authority to pass resolution** for any major change in share-holding / business / assets / legal status of SEC Units.
- A Liaison Office between Mol&P/Privatization Commission, and other Govt. entities.
- **Support its subsidiaries** in responding to Department Accounts Committee (**DAC**) and Public Accounts Committee (**PAC**) meetings, **where required**.
- Ensuring implementation of all government policies / directives in SEC and its subsidiaries.

- Undertake periodical review/monitor performance of each subsidiary and issue advice to the units accordingly **where required**.
- Maintaining **centralized SEC Management Pension Fund** for the retired officers (currently about 800)
- Arrangements / enhancements of **credit ceiling for the provision of financial facilities** for the purpose of operational activities and other financial matters **where required**.
- Administrative support for legal, financial and commercial and operational matters with regard to **smooth operations / production activities**.
- Follow-up with Planning Commission through Ministry of Industries and Production regarding **allocation of PSDP funding**.

3.6.1 HEAVY ELECTRICAL COMPLEX

INTRODUCTION:

Heavy Electrical Complex (HEC), a nationally significant unit of State Engineering Corporation, is located in Hattar Industrial Estate, District Haripur, KPK just 2 KM on Hazara Expressway. HEC has trained work force numbering around 258 persons including 21 regular, 02 on yearly contracts whereas the remaining including 35 officers/ supervisors and 200 workers are engaged on a casual basis. The Company holds ISO 9000 – 2001 Certification. Accordingly, strict quality control is enforced during all the stages of production using specified procedures and techniques based on latest management practices. The set-up was designed to manufacture 148 Nos. power transformers (PTs) rating from 6.3 MVA to 40 MVA, 132/11.5KV to meet the exclusive requirements of WAPDA / NTDC (DISCOs) & KESC. The company started commercial production during 1997.

ROLE AND FUNCTIONS

The company has been set up for meeting the country requirements of heavy electrical equipment starting from manufacturing PTs at optimum cost to support the national electrification programme and strive for import substitution. Although not in its original scope, the mandate of the company has been extended to Rehabilitation / Refurbishment of PTs. This extended mandate has resulted in saving huge amount of foreign exchange besides avoiding operational losses of DISCOs by ensuring rehabilitation of PTs in the minimum time frame. In addition to that due to paucity of funding, the company has started providing manufacturing services whereby all the inputs are provided by the customers and the company manufactures power transformers for them against service charges.

ACHIEVEMENTS / PERFORMANCE:

By June 2021 HEC has manufactured 358 Nos new PTs valuing around Rs. 9.388 Billion of different ratings and supplied to WAPDA, DISCOs, K-Electric and various other customers. Moreover, HEC has also repaired/ rehabilitated 271 Nos. valuing Rs. 1,345 Million Power/Auto transformers for WAPDA, KE, AJK Hydro Power Board, POF, Pakistan Railways, Pakistan Atomic Energy Commission and some other private sector industries. HEC has also participated in USAID sponsored rehabilitation plan for the power sector by supplying fan motors and circuit breakers valuing around Rs. 14 million in the past

The largest power transformer repaired at HEC so far was 250 MVA having voltage rating of 15/220 KV and weighting 250 tons. HEC have also repaired 03 Nos. autotransformers of ultra-high voltage i.e. 500KV up to 200 MVA for WAPDA for the first time in the country.

HEC has so far achieved import substitution to the tune of Rs. 10.732 billion (Around USDs 131 million) through manufacturing new transformers as well as repair of damaged transformers. The repair work ranged up to 500 KV PTs, at less than 25 % of the replacement cost and 50% of the lowest foreign bid. The products manufactured, besides regular ones, include own designed transformers of rating 31.5/40 MVA, 132/11.5 KV and five transformers of 20/26 MVA, 132/6.6 KV.

The company sales have touched Rs. 965 million in 2009-10 though fluctuating with the market trends. HEC has been sustaining its operation totally at its own. Operating and Financial Results of the company are summarized below:

(Quantity in Nos and Value in Rs. Million)

Description	2016-17	2017-18	2018-19	2019-20*	2020-21
New	22	4	5	1	9
Repair/Rehabilitated	42	23	16	41	14
Total	64	27	21	42	23
Production Value	799	230	302	273	316
Sales	910	259	306	222	373
Pre-Tax Profit / (Loss)	27	(70)	(116)	(43)	(165)
Total Assets	1,518	1,501	1,614	3,645	3,360
Total Liabilities	577	630	864	1,122	1,007
Net Equity	941	871	750	2,523	2,353
* On the instructions of the Privatization Commission Land, Building and Plant & Machinery have been revalued with surplus of Rs. 1.820 billion on 29.09.2020					

As is evident from the above table, after recovering from the privatization shock during 2015-16, the company has been turned-around. Highest ever number of PTs (64) were rolled-out during 2016-17. After sustaining losses for the three consecutive year's upto 2014-15, the company earned profits during the succeeding two years.

The results for the subsequent years had badly suffered because of placement of no orders by DISCOs since Feb 2017 (despite being lowest in various tenders for 32 PTs valuing over 1.4 billion) due to a malafide complaint by the local agent of a foreign supplier (Chint China) against HEC PTs. The complaint proved malicious after a high-level enquiry by the Minister of Water & Power, which concluded in June 2018 after which the DISCOs have started placing orders on HEC. With huge orders raining on HEC afterwards, Bank of Khyber, the only financing source of HEC got scared and squeezed credit to HEC. In order to meet working capital requirement for executing in hand orders, HEC through SEC requested MOIP for soft term loan of Rs. 900 Million vide letter No.FIN/HEC/Credit dated 06.05.2019 and Rs. 280 Million vide SEC letter No.FIN/HEC/Credit/20 dated 19.10.2020. However, HEC have yet to receive requested loans. As such, non-availability of working capital despite of HEC's efforts upto the highest official level is limiting the operating and financial results of the company.

One other factor affecting operating results of HEC is its expired type testing. HEC have been manufacturing High PTs since 1998. The PTs produced by HEC have been functioning flawlessly for the last two decades. It may be mentioned that as against International Standards framed by International Electro-Technical Commission (IEC) not necessarily emphasizing repetition of type testing after every five years on same design, NTDC have laid down Specs of PTs requiring repetition of type testing on same design after every five years. HEC have conducted type testing thrice since 2002 on its PTs at

only locally available facility i.e. NTDC HV&SC Lab Rawat. Last time the test was conducted in December 2014 and its validity has expired in December 2019. The type testing could not be repeated due to HV&SC. Lab Rawat being un-available for Short Circuit Test (a part of type testing) due to maintenance issues of its High Voltage Generator. HEC cannot afford type testing from foreign STL accredited Labs which would approximately cost Rs. 120 million. Consequently, HEC is unable to re-validate its type testing and participate in tenders of Power Transformers in the absence of valid type test report.

FUTURE STRATEGY:

HEC has earned good market recognition in the field of PTs manufacturing as well as rehabilitation. In case of non-privatization of the company, to further strengthen it HEC would be working on the following action plan:

- Securing orders along-with inputs to address HEC's cash-flow problems
- Securing more orders for rehabilitation of transformers having lesser cash-flow requirements
- Maximizing Market Share to secure orders beyond Rs 1.3 billion
- Further Optimization in existing design of power transformers
- Diversification for manufacturing Higher Module Step-down Power Transformers (160 MVA and 250 MVA) as well as Step Up Generator Transformers.
- Introducing GSM mobile based real time information dissemination system for monitoring Grid stations.
- Venturing in larger Distribution Transformers firstly in the repairing field and then manufacturing of the same.

It is important to mention that the company has Sixteen (16) in hand orders for the value of Rs. 126.145 Million and a further of Rs. 41 Million orders are in the Pipeline.

3.7 Engineering Development Board (EDB).

TARIFF RATIONALIZATION EXERCISE

The main objectives of the tariff rationalization exercise are: -

- Reducing cost of doing business by decreasing cost of inputs
- Encouraging local Industry to invest in priority sectors.
- Simplifying procedure for payment of Customs Duty, Sales Tax & Federal Excise

CONSULTATIVE APPROACH

Consultative based approach was followed in Tariff Rationalization Exercise undertaken for Federal Budget 2021-22. 570 proposals received from Industry, Associations, Chambers, NTC, FBR, MoIP were analyzed and finalized by EDB for consideration.

NOTIFICATIONS REGULATED BY EDB (Tariff Section)

Following notifications are regulated by EDB (Tariff section) to facilitate the Industry:

- **Fifth Schedule to the Customs Act 1969 and SRO 678(I)/2004 dated 07.08.2004** – To determine local manufacturing status of goods being imported under concessionary regime to protect local industry.
- **SRO 827(I)/2001 dated 03.12.2001** – Binds government and public sector organizations to give price preference to local industry over imported goods. EDB to monitor implementation of SRO and resolve issues relating to determination of landed cost factor.
- **SRO 450(I)/2001 (DTRE Scheme) and SRO 565(I)/2006** - EDB to determine IOR/Wastages of inputs required for the manufacture of engineering goods.
- **SRO 777(I)/2020 dated 25.08.2020** - EDB to determine whether the process or technology being employed by the industrial undertaking is or is not already under use in Pakistan.

Performance w.r.t various SROs / Notification

1	Determination of Input Output Ratios & Wastages (under SRO 450; SRO 565)	<u>44</u>
2	Determination of local manufacturing status (5 th Schedule to Customs Act 1969 & SRO 678)	<u>174</u>
3	Implementation of SRO 827(I)/2001	<u>15</u>
4	Certification of Greenfield Industrial Undertaking (Under SRO 777(I)/2020 dated 25.08.2020)	<u>07</u>

UPLOADING OF ONLINE INPUT/OUTPUT RATIOS & WASTAGES ON WEBOC)

- Since July 2020, Tariff Section also uploads finalized input/output ratios & wastages on WeBOC.

NOTIFICATIONS REGULATED BY EDB

Following notifications are regulated by EDB:

- 1) **SRO 656(I)/2006 dated 22.06.2006** – Authorizes EDB to allow import of CKD under concessionary regime to OEMs.
- 2) **SRO 655(I)/2006 dated 22.06.2006** – Authorizes EDB to allow concessionary import of raw-materials, sub-components, components and sub-assemblies to vendors.
- 3) **SRO 693(I)/2006 dated 22.06.2006** – Notifies list of locally manufactured parts / components as recommended by EDB.
- 4) **Fifth Schedule to the Customs Act 1969** – To determine local manufacturing status of goods being imported under concessionary regime to protect local industry.
- 5) **SRO 678(I)/2004 dated 07.08.2004** – To determine local manufacturing status of goods being imported by E&P companies, their contractors, sub-contractors and service companies etc. under concessionary regime to protect local industry.
- 6) **SRO 450(I)/2001 Authorizes** EDB to determine IOR/Wastages of inputs procured under DTRE and under Manufacturing Bond.
- 7) **SRO 565(I)/2006 dated 05.06.2006** – Determination of IOR of engineering goods.
- 8) **SRO 827(I)/2001 dated 03.12.2001** – Engineering Goods Control Order for Public Sector enterprises procurement and supplies.
- 9) **SRO 777(I)/2020 dated 25.08.2020** - EDB to determine whether the process or technology being employed by the industrial undertaking is or is not already under use in Pakistan.

Performance w.r.t various SROs / Notifications

		No. of Cases Finalized
		2020-2021
A. TBS-1 (4-Wheelers) - SRO 656		
1	Certificates issued vehicle wise:	290
2	Lists verified issued vehicle wise:	243
3	Input Records verified vehicle wise:	258
B. TBS-II (2/3-Wheelers) - SRO 656		
1	Certificates issued vehicle wise:	463
2	Lists verified issued vehicle wise:	463
3	Input Records verified company wise	85
4	Assembling Facilities verified	11
C. Determination of Input / Output Ratio		
1	Input / Output Ratios - SRO 655 (Revalidation + New)	230
2	Input Output Ratios under SRO 656 (Direct Materials)	06
3	Input Output Ratios under DTRE / SRO 565	44
D. Determination of local manufacturing status (5th Schedule to the Customs Act 1969 & SRO 678)		
1	Determination of local manufacturing status of imported goods	174

E. Finalization of cases under SRO 827

1	Determination of status of procurements and its implementation as per procedure and laws of Government	15
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F. Certification of Greenfield Industrial Undertaking (Under SRO 777(I)/2020 dated 25.08.2020)

07

POLICY GROUP**A. AUTOMOTIVE DEVELOPMENT POLICY (ADP) 2016-2021**

Government of Pakistan has approved Automotive Development Policy (ADP) 2016-21 and is effective since 1st July, 2016. Under the said policy following measures were approved:

- i. New investment measures;
- ii. Five year tariff plan;
- iii. Rationalisation of Import Policy;
- iv. Establishment of infrastructure for Quality, Safety, and Environmental Standards;
- v. Ensure consumer welfare, and
- vi. Establishment of Pakistan Automotive Institute.
- vii. Other Interventions

Status of New Investment under Automotive Development Policy 2016-21

Under **Greenfield Category-A** of the Automotive Development Policy 2016-21, EDB 21 new investors have been granted Greenfield status:

01.	M/s. Kia Lucky Motors Pakistan Ltd	11.	M/s. Master Motors Ltd.
02.	M/s. Al-Futtaim Automotive Pakistan Pvt. Ltd.	12.	M/s. Sinopak E-Motors Pvt. Ltd.
03.	M/s. Khalid & Khalid Holdings Pvt. Ltd.	13.	M/s. Khalid Mushtaq Motors Pvt. Ltd.
04.	M/s. Foton JW Auto Park Pvt. Ltd.	14.	M/s. Al-Haj Automotive Pvt. Ltd.
05.	M/s. Regal Automobile Industries Ltd.	15.	M/s. Pak-China Motors Pvt. Ltd.
06.	M/s. KA Hunting Motor Company Pvt. Ltd.	16.	M/s. Dysin Automotive Ltd.
07.	M/s. Sazgar Engineering Works Ltd.	17.	M/s. Hyundai Nishat Motors Pvt. Ltd.
08.	M/s. Pak CAMC Pvt. Ltd.	18.	M/s. Al-Haj Bus Company Pvt. Ltd.
09.	M/s. United Motors Pvt. Ltd	19.	M/s. Topsun Motors & Engineering Services Pvt. Ltd.
10.	M/s. Premier Motors Ltd.	20.	M/s. Universal Motors Ltd.
21.	MG JW Automobile Pakistan (Private) Limited		

Under **Brownfield Category-B** of the Automotive Development Policy 2016-21, 02 closed down units have been revived:

01.	M/s. Dewan Farooq Motors	02.	M/s. Ghandhara Nissan Ltd.
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The total investment by the 7 companies who have started operation is US\$ 504 Million.
Establishment of Infrastructure for Quality, Safety, and Environmental Standards
Adoption of UNECE'S Working Party – 29 (Wp-29) Regulations.

Automotive Development Policy (ADP) 2016-21 was approved by ECC on March 18, 2016 vide Case No ECC-33/2016 dated 18th March, 2016. Following major interventions were approved for the growth and development of the auto sector:

- Five Year Tariff Structure
- Lower Entry Threshold for New Investment in the Market
- Rationalization of Import Policy
- Consumer Welfare
- ***Regulatory Mechanism for Quality, Safety and Environmental Standards i.e. Adoption of WP 29 Regulations***
- Establishment of Pakistan Automotive Institute (PAI)

Working Party-29 or WP-29 is a UN Forum working for harmonization of vehicle regulations under United Nations Economic Commission for Europe (UNECE). The WP 29 Secretariat is in Geneva, Switzerland whereas the headquarter is in New York. Every UN member country can join this forum without any registration fee. Following three agreements are being administered by WP-29.

- 1958 Agreement, which involves mutual recognition, third party certification and does not require local development of lab infrastructure
- 1998 Agreement, which encompasses harmonization of testing infrastructure and procedures
- 1997 Agreement covering periodical vehicle testing (testing of on road vehicles)

In this regard Pakistan has been notified as contracting party to 1958 Agreement by the UN Office of Legal Affairs on 24 April 2020 and has been assigned with the symbol "E 64". The 1958 Agreement contains 147 regulations relating to safety and environment whereas Pakistan opted for 15 Regulations including brakes, steering, tyres, lighting, safety belts, seats, collision, safety glazing, mirrors and cameras, antitheft devices, airbags etc. for cars, van and heavy commercial vehicles. Further regulations can be added in a phase wise manner. The inclusion of these safety measures in vehicles has been ensured through inclusion in SRO 656(I) 2006 vide SRO 837(I)/2021 dated June 30, 2021, under which local assembly/manufacturing is allowed by EDB.

ELECTRIC VEHICLE POLICY

Electric Vehicle Policy for 2-3 Wheelers and Heavy Commercial Vehicles (HCVs) was formulated after extensive efforts of Engineering Development Board (EDB)/MoIP and approved in principle by ECC of the Cabinet in its meeting held on June 10, 2020. The policy has been notified by the Cabinet and is at various stages of implementation. Incentives offered for investors are as under:-

2-3 Wheeler

- General Sales Tax (GST) at sales stage to be fixed for 2-3 wheelers @ 1% for five years i.e. the policy period. Sales Tax at import stage to be waived off (0%) to avoid refunds.
- EV Specific Parts of 2-3 wheelers to be imported at 1 % Customs Duty (CD) for five years.
- Exemption of 2-3 wheelers from Registration and Annual Token Tax. Reduction of toll tax to 50% for EVs.
- Existing manufacturing regime for 2-3 wheelers with respect to non EV parts & components to remain intact to safeguard already achieved localization.
- Benefits of EV policy to be extended to both; existing and new manufacturers.
- Import of new EVs (2-3 wheelers) in CBU condition at concessionary rate of duty (50 % of the prevailing rate of custom duty) to be linked with establishment of manufacturing facilities i.e. 10 units per variant with maximum of 200 units allowed to be imported under concessionary regime.

Heavy Commercial Vehicles (HCVs) –Electric

- 1 % Customs Duty on import of CBUs (Electric Buses, Trucks & Prime Movers)
- Import of entire CKD allowed at 1 % Customs duty to the local manufacturers.
- General Sales Tax @ 1 % at sales and waived off (0%) at import stage.
- Exemption of registration fee, annual renewal fee, permits and reduction of toll tax to 50 percent for HCVs.

General Proposals for 2-3 wheelers& HCVs

- Localization of parts and components to be reviewed after 2 years announcement of policy.
- Duty and Tax Free import of plant and machinery to be allowed to both; existing and new entrants in both 2-3 wheelers & HCVs.
- Five year income tax exemption for auto part manufacturers for setting up manufacturing facility for EV related equipment.
- Inputs for EV vendors to be exempted from duties and taxes for 5 years (applies to in-house manufacturing by OEMs also).
- The funding facility of State Bank of Pakistan to encourage green investments will encompass EV manufacturers, EV parts, components and module manufacturers, EV infrastructure development including charging stations.
- Five years income tax exemption for manufacturers of EV equipment and infrastructure development.
- Import of chargers with the CKD to attract 1 % Customs Duty and 1 % Sales Tax whereas import of charging stations for electric vehicle under HS Code 8504.4030 already allowed at 0 % Customs Duty to continue.

Policy recommendations for 4 wheelers have also been approved by ECC of the Cabinet in Case No. 1019/50/2020 on 16-12-2020 and endorsed by the Federal Cabinet on 22-12-2020. The main objectives of the EV policy are:

- Create a pivot to industrial growth in Pakistan and encourage auto and related industry to adopt EV manufacturing
- Mitigate negative aspects of climate change through reduction in emissions from transport sector through introduction of fuel efficient green technologies.
- Employment generation through introduction of new investments.
- Contribute to reduction of external deficit through reduction in overall share of oil import bill by shifting to EVs.

Incentives offered for four wheelers investors are as under:

Four Wheelers

A. Relevant to Revenue Division (Customs Wing):

- i. In CKD, EV specific parts to attract 1% CD, ACD 0%, RD 0%,
- ii. Automotive Development Policy (ADP 2016-21) rates of customs duty in CKD across the board (all players i.e. 10% for non-localized and 25% for localized parts in cars, LCVs, SUVs).
- iii. CBU import may be made at CD 25%, ACD 0%, RD 0%.
- iv. Other benefits recommended for EV policy (4 wheelers) are:
 - a. Duty free import of plant and machinery of EVs, 0% CD, ACD 0%, RD 0%,
 - b. Import of 100 CBUs per company @ 50% of the prevailing custom duties,
 - c. Import of EV Chargers to attract 1% CD, ACD 0%, RD 0%.

B. Relevant to Revenue Division (Inland Revenue Wing):

- i. EV specific parts, in CKD, to attract 0% VAT on imports,
- ii. Import of CKD in small cars/ SUVs with 50kwh battery or below and LCVs with 150kwh battery or below to attract:
 - a. Exemption of sales tax and VAT on imports and 1% sales tax on sales,
 - b. 1% WHT under Section 148 of Income Tax Ordinance.
 - c. GST and VAT on import stage to be exempted for such LCVs and Cars/SUVs.
- iii. CBU import may be made at 0% VAT on imports.
- iv. Exemption of EVs (4 wheelers) from FED.

C. Relevant to Other Departments:

- i. Provision of special window for car financing at 1+4% (State Bank of Pakistan).

D. Recommendation to Provincial governments:

- i. Exemption from Registration Fee and Annual Renewal

B. MOBILE DEVICE MANUFACTURING POLICY

- EDB has prepared Mobile Device Manufacturing Policy, which is expected to boost local manufacturing of mobile handsets and their exports from Pakistan. First Mobile Device Manufacturing Policy was prepared after several consultative meetings. The ECC approved the Mobile Device Manufacturing Policy on 21-05-2020 which was ratified by the Cabinet on June 2nd 2020.
- Major recommendations to attract the investors in the approved Policy are as under:
 - Removal of Regulatory Duty for CKD/SKD manufacturing by PTA approved manufactures under IOCO approved quota/import authorization.
 - Removal of Fixed Income Tax on CKD/SKD manufacturing of mobile devices upto USD 350 category.
 - Increase in Fixed Income Tax on USD 351 -500 USD category by Rs 2000 and > USD 500 by Rs 6300 on CKD/SKD manufacturing only.
 - Removal of Fixed Sales Tax on CKD/SKD manufacturing of mobile devices.
 - PTA shall allow activation of handsets manufactured in the country under import authorization of inputs by IOCO in CKD/SKD kit (8517.1211) and not under HS Code 8517.7000 i.e. parts. This will eliminate mis-declaration in parts category at import stage. Activation of CBUs imported through notified routes after payment of all levied duty and taxes as fixed by government from time to time shall continue till any further amendment.
 - In up to USD 30 category, words “except smart phones” to be inserted for CBU imports under 8517.1219 to avoid mis-declaration.
 - R&D allowance of 3% to be given to local manufacturers for exports of mobile phones.
 - Locally assembled/manufactured phones to be exempted from 4% withholding tax on domestic sales.
 - Government to commit to ensure maintaining tariff differential between CBU Imports and CKD/SKD Manufacturing till the expiry of the policy.
 - Local industry to ensure localization of parts and components as per road map included in policy.
 - EDB to act as Secretariat of Mobile Phone Manufacturing Policy and ensure development of allied parts, components and devices.

As a result of the Mobile Device Manufacturing Policy prepared by EDB 26 new companies have been authorized to manufacture mobile devices in Pakistan. The imports of Mobile Devices in CBUs have reduced significantly and share of locally manufactured mobile devices is increasing significantly. During a period of Jan-June 2021 only 8.29 million mobile devices were imported in CBU form and 12.27 million mobile devices were manufactured locally.

BUSINESS DEVELOPMENT GROUP

A. EXERCISE FOR EXPORT ENHANCEMENT OF VALUE ADDED GOODS/ITEMS

EDB initiated a series of comprehensive consultative meetings with the following industrial sectors to ascertain their core problems and issues for rationalization of tariffs, and non-tariff issues in a bid to make the local engineering industry competitive globally:

01.	Home Appliances	02.	Power Equipments
03.	Cutlery & Utensils	04.	Pumps & Motors & Valves
05.	Fittings & Ceramics	06.	Auto Parts
07.	Capital Goods		

Detailed discussions were held with the stakeholders to find solutions to these problems. EDB is in the process of consolidating the recommendations received from various Sectors/ Associations and Industries. The relevant departments like State Bank of Pakistan, FBR, Ministry of Commerce and EXIM Bank of Pakistan etc. are being approached for their inputs to bring out workable solutions.

B. 5TH VIRTUAL HIGH COUNCIL MEETING (HCM) OF D-8 TECHNOLOGY TRANSFER AND EXCHANGE NETWORK (TTEN), ISLAMABAD, PAKISTAN - SCIENTIFIC DEVELOPMENT AND TECHNOLOGICAL INNOVATIONS IN D-8 MEMBER COUNTRIES – 22ND DECEMBER, 2020

- Engineering Development Board (EDB) being the secretariat of D-8 TTEN, organized the 5th Virtual High Council Meeting (HCM) Of D-8 Technology Transfer and Exchange Network (TTEN) on 22nd December, 2020 in coordination with the Ministry of Industries and Production, Ministry of Foreign Affairs, Ministry of Science and Technology – Pakistan along with the D-8 Secretariat – Istanbul and D-8 TTEN Secretariat – Tehran, Iran. The theme of the conference was “Scientific Development and Technological Innovations in D8 Member Countries”. The objective of the meeting was to develop and strengthen D-8 technological cooperation network and to support creating a synergy for technological collaborations amongst Member States.
- The forum was briefed on the latest Mobile Device Manufacturing Policy and Electric Vehicle Policy recently introduced by Pakistan, alongside a briefing on the Technology Foresight (TF) carried out and the Studies & Policies is introduced by PCST in the field of Electronics, Industry, Health & Pharmaceuticals, Automotive sector etc. Proposals regarding the funding arrangement for increasing absorptive capacity, tax incentives for firms to integrate into Global Production Net-works, international trade agreements to ensure technology transfer and incentives to achieve reverse brain drain were discussed by the representatives of the member states.
- BDG is in touch with D-8 Secretariats to further initiate activities to establish linkages with the relevant organizations in the member countries and define road map for future collaboration to make this platform more effective and beneficial.

C. DIGITAL TRANSFORMATION OF EDB

Aligning itself with the Government of Pakistan's vision of a digital nation, EDB is working towards developing a concise and even tailored digital network within the organization. EDB aims at creating a knowledge bank and a central repository of the huge available data. This would result in ease of operations at various levels in the organization alongside streamlining the working procedures.

D. PUBLICATION OF DIRECTORY OF ENGINEERING GOODS EXPORTERS

EDB has published Updated Directory of Engineering Goods Exporters with profiles of 200 plus exporters of Engineering Goods and has been circulated to all stakeholders including local and Foreign Chambers of Commerce & Industry and relevant Associations, Ministries, Diplomatic Missions in the country and Pakistan's Mission abroad etc.

E. PUBLICATION OF INDUSTRIAL BULLETIN

EDB's Industrial Bulletin was a step towards highlighting the initiatives being undertaken by EDB for development and promotion of the engineering sector of Pakistan. Value Added Engineering Sector has a large capacity and capability to contribute towards economic development of the country; therefore, concerted efforts are required to strengthen it. This Industrial Bulletin and many more to come will serve as a platform for all the stakeholders to share their innovations/new ideas and would be a good source of information for all to read. The need to project the "Engineering Face of Pakistan" and to reflect the core competences of the industry is what derived this effort. The bulletin highlighted all the recent accomplishments of the organization.

F. THE SHANGHAI COOPERATION ORGANIZATION (SCO) MEETING

An online meeting was attended by CEO-EDB led the Mo&IP's team organized by Tajikistan in coordination with the Shanghai Cooperation Organization (SCO). The SCO is a permanent intergovernmental international organization, comprising eight member states namely, the Islamic Republic of Pakistan, Republic of India, Republic of Kazakhstan, and People's Republic of China, Kyrgyz Republic, Russian Federation, Republic of Tajikistan, and the Republic of Uzbekistan. Its main goals are to strengthen mutual trust and neighborliness' among the member states.

The experts meeting deliberated upon promotion of economic growth, social and cultural development with a view to steadily enhancing the living standards of the member states peoples, broadening trade-economic cooperation, developing production capacities, implementing joint high-tech projects and introducing innovative technologies among all the member states. Representatives of member countries were unanimous in suggesting development of mechanisms for increased interaction within SCO and proposed a draft protocol for circulation to all the member states and early finalization for signing of the protocol by the representative industry minister in the upcoming meeting.

G. CAPACITY BUILDING AND INTERNATIONAL LINKAGES

EDB has established linkages with international organizations like PUM, the Netherlands to provide short terms experts services to local engineering industry with objective to improve production process, quality of product, managerial capabilities etc. In this regard, BDG provides technical services of PUM Experts to local firms/industries as and when they approached the EDB.

Since Feb, 2020 there were travel advisories issued by the Dutch Government due to COVID-19 pandemic. However, a mechanism of Distance Coaching has been worked out which is in trial phase. EDB has processed five cases of the interested companies for the same. Success would depend on how these companies and the new system aligns with each other.

Engineering Sector

1) Industrial Research Program

Engineering Development Board is actively pursuing Industrial Research Program which was initiated with the collaboration of Academia and /Research Organizations. The underlying objective is to facilitate the local industry by providing affordable solution of their technical problems and foster R&D activities in the industry by engaging huge R&D potential existing with Universities and research organizations.

Industry across the country ranging from electronics, electrical, HVAC, castings/forgings, fabrications, chemicals, steel, renewable energy, etc. has started sharing industrial technical problems, which are being discussed with concerned researchers of various universities.

2) Industrial Sector Development

EDB is working on Engineering Development Strategy for the growth of local Industry leading to towards exports. In this regard, EDB initiated sectoral analyses of following industries and clusters for their development and export enhancement.

- i. Fan Industry
- ii. Surgical Instruments
- iii. Sanitary fittings and Ceramics
- iv. Power Equipment
- v. House Hold Utensils and Cutlery
- vi. Auto Industry Development
- vii. Home Appliances
- viii. Casting and Forging

3) Regular Assignments:

- ❖ Correspondence with Ministry of Industries & Production with respect to industrial issues and queries
- ❖ Sectoral analyses of industries and clusters for their development
- ❖ Court cases regarding the LED Lighting Products.
- ❖ Activities related to Industrial Cooperation with other countries

4) Industrial Internship Program for Graduate Engineers

Considering the importance of Engineering Industry and role of the Engineers as driving force for running the engineering industry, EDB has initiated to prepare a scheme to engage the fresh engineers through industrial internship training. In this regard all the universities in the country teaching engineering disciplines are approached to provide their inputs.

5) Industry-Academia Linkages

SDG-EDB is in touch with universities and other engineering and technological institutions for having necessary information related to testing & certification facilities, R&D equipment & know-how, etc. and scope of services available with them to support the industrial sector of Pakistan by developing **INDUSTRY-ACADEMIA LINKAGES**.

6) Cooperation for Strengthening Local Capabilities & Capacities for Industrial Development & Innovation

Keeping in view the productivity and performance of local Industry, EDB is striving for helping to support the industry-based research, through the facilities available within the country in various segments of the industry, 'capabilities for innovation', to explore the ability to conceive, develop, and/or produce new products and services, to deploy new production processes, and to improve on those that already exist. Local companies seek to boost their innovation performance by strengthening their ties with local public research and educational institutions.

7) Engineering Goods Promotion Policy

Considering importance of Engineering goods in global trade i.e. more than 50% EDB has initiated process of formulating an "Engineering Goods Manufacturing and Promotion Policy" for the development of Engineering Sector of Pakistan. This document shall suggest a road map for the promotion and instigation of engineering goods sector in the global trade besides enhancing local base.

8) Bilateral Trade (FTAs-PTAs)

- EDB, on behalf of the Ministry of Industries & Production (MoIP), is working on Free Trade Agreements (FTAs) and Preferential Trade Agreements (PTAs) with different countries in coordination with different government organizations under the leadership of Ministry of Commerce, with the objective to create provision for cheaper inputs for local industry to encourage the local manufacturing, facilitate the investment and enhance base for creating surplus for export of locally made goods. During FTA negotiations focus is also being made to achieve maximum access for Pakistani made goods in the negotiating country. Currently, active discussions are being held on Pak- Thai FTA under the supervision of Ministry of Commerce. Previously several rounds of negotiations were held.
- Moreover, EDB is involved in negotiations with different countries through Joint Ministerial Commissions and Working Groups for enhancing trade with these countries.
- EDB is also evaluating Pak-China FTA phase two implemented from January 2020. EDB is planning to provide maximum awareness to local industry preparing them to tap the Chinese potential market which is more than USD 2 trillion, for the goods currently, China is importing from other countries including ASEAN countries and enhance basket of Pakistani goods for achieving maximum market share.

9) Review Export Incentive Schemes for Engineering Industry.

Pakistan is exporting goods of USD 23.33 billion (2018-19) whereas, share of Engineering Goods in this export data is very low i.e. around USD 1.2 billion (5% of Pakistan's total Exports). One of the major reasons is cumbersome export schemes and procedures. EDB, after consultation with the manufacturers and exporters of engineering goods has reviewed following schemes and prepared a separate draft of Scheme solely for export of Engineering Goods.

- Duty and Tax Remission for Exports (DTRE) Scheme-SRO 450(I)/2001
- Manufacturing Bond Rules - SRO 450(I)/2001
- The Export Oriented Units (EOU) and Small and Medium Enterprises Rules, 2008- SRO 327(I)/2008
- Temporary Importation Scheme - SRO 492(I)/2009

10) Environment

- ❖ EDB, on behalf of the Ministry of Industries & Production, has been giving its input on issues related to Climate Change, during the meetings held in the Ministry of Climate Change (MoCC).
- ❖ Though industrial, including textiles, fertilizer, sugar factories, cement, steel and large petro-chemical plants and others contribute about 6% to the total GHG emissions of the country due to the industrial processes in use is now being dealt and responded by the environment departments of the provinces after 18th amendment.
- ❖ Management of PoPs/PCBs is also very important exercise being handled at Ministry of Climate Change. EDB is fully contributing on behalf of Ministry of Industries & Production, to provide technical input.

11) Energy conservation:

EDB is in close coordination with NEECA to work on issues related to energy conservation for the development of energy efficient industry.

12) Future Plans

Industry Energy Efficiency, Technology Up gradation and product certification tasks to be initiated soon.

3.8 PAKISTAN STEEL MILLS (PSM)

INTRODUCTION / BRIEF OF THE COMPANY

Pakistan Steel Mills (PSM) is the largest and only integrated Steel Plant of Pakistan with a production capacity of 1.1 million tons per year (MTPY). PSM started production in 1985. It was established with the techno-financial assistance of the Ex-Soviet Union at a cost of around Rs. 24.7 Billion. Its location and area are:

- a. Location: 40 Km South East of Karachi at Bin Qasim.
- b. Area: 19,013 acres (about 29 square miles) which includes 10,273 acres for main plant, 8,071 acres for township and remaining land for other installations.

Main Products:

Its main and by-products are:

- a. Main Products: Metallurgical Coke, Pig Iron, Rolled & cast Billets, Hot Rolled Sheets / Coils / Plates, Cold Rolled Sheets / Coils, Galvanized Sheets & Formed Sections.
- b. By-Products: Coal tar, Ammonium Sulphate, Blast Furnace Granulated Slag.

Quality Standards:

Its production and facilities/ services conform to following International Standards:

- (a) ISO-9001 (b) ISO-14001 (c) ISO-17025 (d) OHSAS-18001

PRODUCTION/SALES STATUS FOR THE YEAR 2020-21

- i) **Production raw steel is at halt since 10th June, 2015 due to reduction in natural gas pressure by M/s. SSGC.**
- ii) Summarized position of provisional Operating Results covering Sales & Inventory for the year 2020-21 is given below:-

Products	Sale (Rs. in Millions)
Raw Steel	-
C o k e	342
Molten Metal/Pig Iron	138
Rolled Billets	-
Cast Billets	-
Slabs	-
H.R. Coils/Plates (converted from Slabs)	-
C.R. Coils	-
Galvanized Coils/ Sheets	-
Others	1026
Total	1506

Inventory Position as at 30-06-2021

S. No	Products	Saleable Inventory (MTN)	Amount Rs. Million
1	Pig Iron	836	35
2	Coke Hard	109,483	1,190
3	Slab / Bloom	70,133	3,920
4	Cast Billet	323	24
5	HR Products	778	68
6	CR Products	327	31
7	Formed Section	246	22
8	Unsorted Products	454	19
9	Steel Scrap	270	7
10	Intermediate & by Products		221
11	Others		18
Total :			5,555

REVIVAL PLAN OF PAKISTAN STEEL

ECC of the cabinet in its meeting held on 7th November, 2018 directed Ministry of Industries & Production to chalk out and put up an operationalization plan of PSM within 02 months. An expert group was also constituted with the approval of Prime Minister to workout revival plan of PSM.

On 8th April, 2019 the Expert group gave a presentation to the ECC of the Cabinet about the proposed revival of PSM and accordingly, as per directions of the ECC dated 3rd May, 2019 a summary for "appointment of Transaction Advisory Consortium (TAC) for revival of PSM through advice of the Government on set of appropriate privatization modes" has been submitted to the Prime Minister being Minister In-charge of the MoI&P to seek approval for its submission to the CCoP". On 13th June, 2019 Cabinet committee on Privatization (CCoP) noted the position Presented by PC and directed that PSM be handed over to privatization Commission (PC) and directed PC to advertise for appointment of financial Advisor to provide Transaction Advisory Services to solicit partnership, through a suitable mode as provided in PC Ordinance 2000 for the revival of PSM.

Accordingly, Privatization Commission (PC) initiated the process of hiring of Financial Advisor and published the advertisement in leading newspaper on 14th July, 2019. PC advertised the EOI for appointment of Financial Advisor (FA). After completion of all legal formality PC finally appointed the FA and the process of Due Diligence on PSM Accounts, TAX, HR, Legal & Land has been started by the subcontractor of the FA from the month of January 2020. The process of due diligence was in full swing till the complete lockdown of the city due to global pandemic COVID-19. However, the FA has submitted draft report to the PC. From April, 2020 Transaction Committee meeting were held to review draft DD reports submitted by FA.

GOP also appointed full time CEO for PSM. The post was lying vacant for the last four years.

In compliance with the decision of Federal Cabinet to retrench 100% workforce, PSM has retrenched more than 5000 employees and have paid their legal dues made available by GoP. Furthermore, on the proposal of Financial Adviser appointed by Privatization Commission, Federal Cabinet approved the Structuring Plan of PSM wherein PSM was tasked to form a Federally owned subsidiary company.

Accordingly, a subsidiary of PSM in the name and style of STEEL CORP., (PVT.) LIMITED was registered with the SECP on 01.06.2021. The process of privatization proceeded further and Scheme of Arrangement was filed before SECP on 27.08.2021. In the recent development regarding Privatization of PSM, Privatization Commission has invited applications for Expression of Interest from the prospective investors from Pakistan as well as foreign.

DOWNSTREAM INDUSTRIAL ESTATE (DSIE)

Downstream Industrial Estate was created under the Notification of Government of Sindh in the year 1984 on an area of 1420 acres. The objectives of creation of the Estate were to promote industrial growth in the area. The process of these units is mostly based on the products / by –products of Pakistan Steel so as to facilitate the industries by providing the input raw material right at their door step. The promotional efforts of Pakistan Steel succeeded and 45 downstream industries have so far been set up in this Estate on an area of 495 acres.

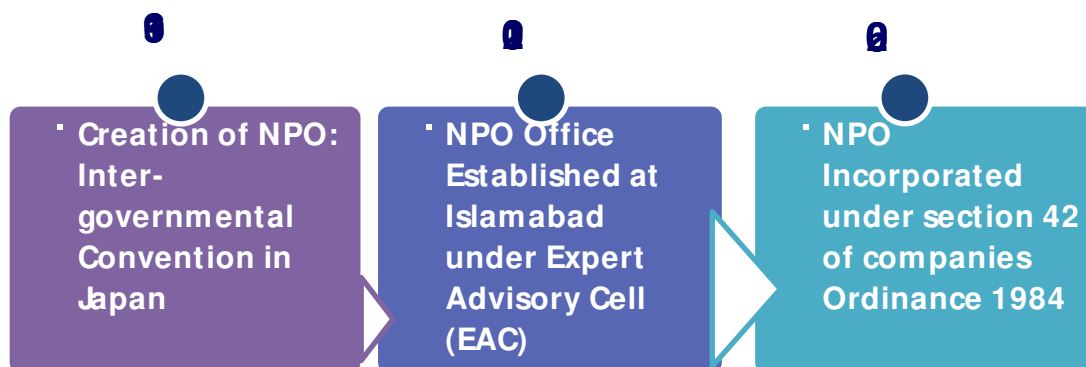
SOCIAL OBLIGATIONS:

Pakistan Steel has also been making noteworthy contribution in the realm of social obligations. In this regard Pakistan Steel is providing residential, medical, educational, recreational and sports facilities to its employees as well as to the people of adjoining areas. These facilities includes 125 Bed Pakistan Steel Hospital, Quaid-i-Azam Park, Cricket Stadium Park, Pakistan Steel Cadet College, Sports Complex.

3.9 NATIONAL PRODUCTIVITY ORGANIZATION (NPO)

INTRODUCTION

National Productivity Organization (NPO), an autonomous organization under the Ministry of Industries & Production (MoIP), Government of Pakistan was originally established in 1961 under a regional intergovernmental convention to formally represent Pakistan as member of Asian Productivity Organization (APO) Japan. Currently, APO Japan has 21 contributing member countries. Secretary MoIP is the Director representing Pakistan at APO Governing Body. Besides, productivity and quality promotion, NPO also acts as a Liaison Office of APO Japan.



NPO was registered as a Public Sector Company under section 42 of the Companies Ordinance 1984 in 2006, under the Ministry of Industries and Production. It is, presently, working on enhancing Productivity and Quality to develop a Knowledge Based Economy. During the year 2019-20, the Board adopted the following vision statement, mission statement and corporate values:

Budget (2020-21)

Operating Budget	Employee Related Expenses	Total Budget
10.598	48.465	59.063

NPO ACHEIVEMENTS

NPO effectively managed the disaster and maximized outcome-based output with limited resources and strong national and international contacts to help execute assignments and achieve NPO objectives. NPO Pakistan continued to support industry through following APO assisted programs and services.

APO INTERNATIONAL PROGRAMS:

<u>Title</u>	<u>No. of Programs</u>
○ APO Multicounty Trainings	50
○ APO International Trainings hosted by Pakistan	04
○ Technical Expert Services (TES)	07
○ Individual-country Observational Study Missions (IOSM)	01
○ Bilateral Cooperation Between NPOs (BCBN)	01

- 63rd Session of the APO Governing Body 01
 - 61st Workshop Meeting of Heads of NPOs 01
 - Program/Project Planning Workshop (PPP) 01
 - APO Liaison Officers meeting 06
 - Research on a National Smart Manufacturing Implementation Framework under the APO COE-SM 01
 - Research 01
 - APO Productivity Databook and Database (Research Project) 01
 - P-Talks 03
 - Regional & National Awards 2021 01
- Total number of beneficiaries of APO programs are 470*

NATIONAL TRAINING / PROGRAMS

Wide range of specialized trainings, including but not limited to, replication of international trainings are being provided through various types of programs such as General Awareness Training (GAT), Corporate Training (CT), Professional Development (PD), In-house Training Activities (ITA), Distance Learning, e-Learning, Trainings under Special Projects in the management and technical disciplines; such as Productivity and Quality Management, Green Productivity, International standards/compliance, Agricultural Productivity, Soft Skills, Development of Productivity Practitioner and Special Programs as per emerging trends and society requirement for the development of Rural Areas & Disabled Persons. NPO is also offering training programs via E-learning & Video conferencing. NPO was able to deliver following services to the local industry.

NATIONAL CAPACITY BUILDING PROGRAM

- **Productivity Trainings organized** **85**
Due to Covid-19, specialized training conducted online and open to public and private sector participants. Online training programs attended by large number of participants from PAC Kamra, Jinnah university of women, Rescue 1122, NUST, GIK, PPIB, NARC, TDAP, Arid Agriculture University and other Govt. departments. Total 2814 professionals trained.
- **Energy Audit/Green Productivity Assessments conducted** **16**
Identified 15% to 20% potential energy savings in electrical/mechanical and processes at no or negligible investments.

STRATEGIC INITIATIVES (PROJECTS):

- NPO is providing consultancy services to national and multinational companies on Productivity & Quality. It includes 5S, Kaizen Management, Benchmarking, Industrial Engineering Tools, Total Productive Maintenance, Six Sigma, Human Resource Management and Factory Improvement studies. To enhance outreach and cope with the dynamics of globalization in the industry, NPO has successfully developed National database for Trainers & Consultants. NPO can also assist companies in Standards Implementation such as ISO 9001:2015, ISO 14000, OHSAS 18001, SA 8000, ISO 17025. These services help identify the gap. Such gap analysis studies are expected

to prove helpful in ascertaining the current level of competitiveness of the Pakistani industry in comparison with other global industries. Benchmarking initiatives encourage industries to adopt best practices. Capacity building for monitoring after adopting best practices at intervals of six months can ensure quality consistency.

I) National Productivity Master Plan:

Pakistan Value chains are uncompetitive. Due to import influx local industry is suffering a lot. Especially many Ceramic units are closed in Gujranwala due to China influx. The only solution seems is improving productivity. In order to improve Pakistan needs to study Productivity indicators across the value chains of its key industrial sectors to make these competitive to achieve sustainable productivity and economic growth. Therefore, NPO acquired support of the Asian Productivity Organization (APO), Japan in developing a National Productivity Master Plan on the basis of Specific National Program (SNP) of APO. NPO Pakistan submitted the idea to APO and APO principally agreed and approved the project and will be launched soon. Development of the National Productivity Master Plan will lead Pakistan to improve productivity in all facets of the economy including industry (specifically key sectors value chains including Textile, Agro processing, construction, Energy and Leather Sector etc.), agriculture and service sectors to achieve global competitiveness, raise its ranking in global indexes, and ensure that these gains are sustainable over the long run. It will enhance overall labour productivity in general and in specific sectors as well.

II) Certification Body Development under the umbrella of APO Accreditation Body:

NPO is in process to become a Certification Body under the umbrella of APO Accreditation Body. As a CB, NPO would contribute in the development of productivity experts for a sustainable productivity drive in the country in a more systematic way, which will eventually help in improving competitiveness of Pakistan over the years. NPO Pakistan will become an APO Certification Body to offer following Certification Schemes:

- ❖ Certification of Persons Schemes for Productivity Practitioners
- ❖ Certification of Persons Schemes for Green Productivity Specialists

III) Special Account for Business Recovery & Resilience:

62nd Session of the APO Governing Body was held on 8 June 2020, Virtual Session. It was the first time that GBM conducted virtually using digital technology. Secretary-General Dr. AKP Mochtan proposed that a Special Account be established to assist member countries in strengthening the resilience of economies and businesses and recover from the impact of COVID-19. APO allocated special budget for each country under the Special Account:

There would be three program initiatives under Special Account for Business Recovery and Resilience:

- ❖ Resource Persons
- ❖ Equipment
- ❖ Logistics/ Operational Expenses

IV) Institutional Capability Development Plan for The NPO Pakistan

NPO sought special support from APO under Specific National Program (SNP) to develop a long-term productivity policy framework with the assistance of the APO. APO allocated 60,000USD for the initiative taken by NPO. NPO Pakistan proposed an institutional capability development initiative composed of five phases: 1) preparatory work to identify key issues faced; 2) fieldwork/survey and stakeholders' meeting in Pakistan; 3) preparation of an institutional capability development plan; 4) consultative meetings; and 5) finalization and submission of the proposed institutional capability development plan.

The ultimate objective of this program was to develop an institutional capability development plan to enhance NPO's role as one of the primary institutions in the country's productivity ecosystem. The program was implemented and consultant engaged by the APO, Dr. Robin Mann from New Zealand assisted to develop the plan.

V) PSDP project on “Improving Competitiveness through Sustainable National Productivity”

Pakistan has low productivity and exports levels mainly due to higher production cost. It seems difficult to reduce the input cost (i.e. gas, electricity, and other taxes). According to APO Productivity Databook 2019, productivity of Pakistan is low as compared to other countries. Per-worker Labour Productivity growth of Pakistan for 2000-2017 is at 1.4%, whereas Bangladesh, India, and China are at 3.9%, 5.8% and 8.5% respectively. So, if we want to improve competitiveness in sustainable manner it is imperative to launch Productivity Movement in a structured manner as was done by Singapore, Korea and Malaysia etc. Realizing the situation, it was proposed to launch the productivity movement through a project in a sustainable manner. The project would also complement the Productivity Master Plan being funded by the APO- Japan. Project will create awareness of Productivity across the Pakistan.

Photo Gallery



APO BILATERAL COOPERATION BETWEEN NPOs (BCBN)
BCBN 2021: Pakistan – Malaysia, 24 – 25 May 2021
Virtual session



Development of Demonstration Companies Project for Pakistan
(September 2019)



Muhammad Alamgir Chaudhry, CEO NPO, attending 63rd Virtual GBM as Acting Director held on 8th to 9th June, 2021



Mr. Muhammad Alamgir Chaudhry, CEO NPO Visit to Faisalabad Chamber of Commerce & Industry

3.10 UTILITY STORES CORPORATION OF PAKISTAN (PVT) LIMITED (USC)

S. NO.	SUBJECT	ACHIEVEMENTS / ACTIVITIES																		
1.	Brief History	Utility Store Corporation was established in July 1971, by taking over 20 retail outlets from the Staff Welfare Organization. Passing through various stages of expansion and reorganization, the Corporation was operating 5,011 Stores including Franchise Stores throughout the Country during year 2020-21.																		
2.	Legal Status	Utility Stores Corporation was established in the year 1971, under the Executive Order of the then President of Islamic Republic of Pakistan. The Corporation was registered as a Private Limited Company under Companies Act, 1971, on 13 th September 1971.																		
3.	Basic Objective	The basic objectives among the other for which the Corporation had been established are: - <ol style="list-style-type: none"> To protect the real income of the people by selling essential consumer items at prices lower than those prevailing in the open market. To act as a price moderator in the market and deterrent to profiteering, hoarding and black marketing by the private sector. Provision of Economic relief to consumers through Special Relief Packages. Food security during crisis. (Provision of basic Food items to affectees during Natural Calamities). 																		
4.	Operational Efficiency	Operational performance of the Corporation during the last five years is tabulated hereunder: - <table border="1" data-bbox="571 1487 1465 1765"> <thead> <tr> <th>Year</th> <th>Sales achieved (Rs. In Billion)</th> <th>Net profit/(Loss) (Rs. In Billion)</th> </tr> </thead> <tbody> <tr> <td>2016-17</td> <td>57.9</td> <td>(3.4)</td> </tr> <tr> <td>2017-18</td> <td>27.3</td> <td>(5)</td> </tr> <tr> <td>2018-19</td> <td>10</td> <td>(6)</td> </tr> <tr> <td>2019-20</td> <td>53.2</td> <td>(2.4)</td> </tr> <tr> <td>2020-21</td> <td>114</td> <td>0.7</td> </tr> </tbody> </table>	Year	Sales achieved (Rs. In Billion)	Net profit/(Loss) (Rs. In Billion)	2016-17	57.9	(3.4)	2017-18	27.3	(5)	2018-19	10	(6)	2019-20	53.2	(2.4)	2020-21	114	0.7
Year	Sales achieved (Rs. In Billion)	Net profit/(Loss) (Rs. In Billion)																		
2016-17	57.9	(3.4)																		
2017-18	27.3	(5)																		
2018-19	10	(6)																		
2019-20	53.2	(2.4)																		
2020-21	114	0.7																		
5.	Employment Generation	The Corporation has manpower of 12,256 personals in Regular-5,411, Contratual-3,763 and Daily wages-3,082.																		

6.	No burden on Government Ex-Chequers	The Corporation is not a burden on the Government Ex-Chequer. It is not getting any kind of grant or subsidy for its operational expenses. All kinds of operational expenses which include the cost of salaries, wages, cost of selling and distribution, rentals of the buildings, the cost of electricity, payment of taxes etc. are being met by the Corporation itself from the Gross Profit margin of the sale proceeds.																		
7.	Taxes Deposited in the National ex-Chequers	<p>Despite selling the essential consumer items at the prices lower than the open market, the Corporation during the last five years has paid various taxes in the Government exchequer as per following details:</p> <table border="1" data-bbox="603 640 1437 904"> <thead> <tr> <th>S. No.</th> <th>Year</th> <th>Amount (Rs. In Billions)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2016-17</td> <td>7</td> </tr> <tr> <td>2</td> <td>2017-18</td> <td>4.7</td> </tr> <tr> <td>3</td> <td>2018-19</td> <td>1.5</td> </tr> <tr> <td>4</td> <td>2019-20</td> <td>8.7</td> </tr> <tr> <td>5</td> <td>2020-21</td> <td>16.1</td> </tr> </tbody> </table>	S. No.	Year	Amount (Rs. In Billions)	1	2016-17	7	2	2017-18	4.7	3	2018-19	1.5	4	2019-20	8.7	5	2020-21	16.1
S. No.	Year	Amount (Rs. In Billions)																		
1	2016-17	7																		
2	2017-18	4.7																		
3	2018-19	1.5																		
4	2019-20	8.7																		
5	2020-21	16.1																		
8.	Expansion of the Network	Since the year 2007 the network of the corporation had been considerably expanded. Number of Stores increased from 560 to 5,011. At present, Utility Stores Corporation is one of the biggest Corporation of Ministry of Industries having its network all over the Country.																		
9.	Provision of essential commodities	The Corporation has successfully discharged its obligatory functions of provision of essential commodities at reduced prices. The prices of essential commodities are much lower than the open market prices.																		
10.	Penetration into rural areas	The Corporation has successfully penetrated in the rural areas by opening of stores at Union Council level. Present percentage / ratio of the coverage of the stores in Urban and rural areas is that the Corporation is operating 34% in urban areas and 66% in rural areas.																		
11	Ramzan Relief Package 2021	The Government approved Ramzan Relief Package-2021 by giving a subsidy of Rs.7.8 Billion. Under this Ramzan-2021, Nineteen essential commodities which included Atta, Sugar, Ghee/Oil, Dal Channa, Dal Mash Washed, Dal Moong Washed, Dal Masoor, Baisan (Chakki), Dates (Khajoor), Rice Basmati, Rice Sela, Broken Rice, White Gram, Squashes and Syrups (1500ml/800ml), Tea, Milk (UHT) and Spices, have been sold on subsidized rates. In addition to this, the prices of more than 1,500 food and non-food items have been reduced by the Corporation by narrowing its own margins and through obtaining additional discounts from vendors/suppliers. In addition to the Sales / provision of subsidized items to consumers through USC own network. The Corporation has achieved sale of Rs.26 Billion during the month of Ramzan-2021. Much needed relief has been availed by the consumers.																		

12	Special Role of USC	<ul style="list-style-type: none">i) Provision of Food security to affected People during the natural calamitiesii) Intervention in market through sale of subsidized items.iii) Provision of economic relief to consumers through special Relief package like Ramzan Relief Package every year.iv) Market intelligence.
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3.11 PAKISTAN INDUSTRIAL DEVELOPMENT COMPANY (PIDC)

INTRODUCTION AND PRIMARY ROLE

PIDC was created in 1952 through act of Parliament, with a prime objective to set up industries in such fields where the private sector was shy and where large amount of capital outlay with long gestation period was required. Accordingly, 94 industrial units were established throughout the country on Build Operate and Transfer (B.O.T) model, which played key role towards country's development and spurred up inclusive economic growth.

Devolution of PIDC Role

After nationalization in 1972/73 more than 90% of PIDC Units were transferred to the Public Sector Corporations under the Industries & Production Division, namely State Cement Corporation of Pakistan (SCCP), National Fertilizer Corporation (NFC), Federal Chemical & Ceramic Corporation (FCCCL), State Engineering Corporation (SEC), Pakistan Mineral Dev. Corporation (PMDC), leaving PIDC with few Units which were established under socio-economic consideration in the remote areas of the country. These units were also subsequently liquidated/privatized by Privatization Commission. With the promulgation of Companies Ordinance 1984, PIDC as transformed into a Private Ltd. Company, under Section 32 of the Companies Ordinance.

Current Role of PIDC

The Role of PIDC was redefined in 2004-05 as an "Industry Facilitator" organization, with the objective to act as a primary vehicle for facilitating industrialization, foster spirit of enterprise and facilitate entrepreneurs and to promote Industry through skill development and provision of common facility centre to help private Sector in specific sectors. Accordingly, PIDC established 08 new subsidiaries and 02 Joint Venture companies to create skilled and trained manpower in order to bridge technical gap and enabling private sector to unleash the potential of sectors since 2006, which are as follows:

- **Formation of Companies under re-defined Role of PIDCa- Subsidiary Companies**
 - (i) National Industrial Parks Dev. & Management Company (NIP).
 - (ii) Technology Up-gradation and Skill Dev. Company (TUSDEC).
 - (iii) Karachi Tools, Dies and Moulds Centre (KTDMC)
 - (iv) Pakistan Stone Development Company (PASDEC)
 - (v) Pakistan Gems and Jewellery Development Company (PGJDC)
 - (vi) Pakistan Hunting & Sporting Arms Dev. Comp. (PHSADC)
 - (vii) Furniture Pakistan (FP)
 - (viii) Aik Hunar Aik Nagar (AHAN)

- **b- Joint Ventures (JVs)**

- (ix) Pakistan Chemical & Energy Sector Skill Dev. Company. (PCESSDC)
- (x) Southern Punjab Embroidery Industries (SPEI)

- **Management of Non-operational Organizations / Units**

In order to drive the economy of non-operational units, I&PD through deed of relinquishment and deed of assignment has tasked PIDC to look after the affairs of following companies/ units. These units have been placed in the active list of Privatization Commission (PC).

- i- Pakistan Automobile Corporation** (Awaits liquidation)
 - a- Republic Motors Pvt. Ltd (RML) —Lahore (under privatization in PC)
 - b- Sindh Engineering Pvt. Ltd; (SEL) — Karachi (under privatization in PC)
- ii- Ghee Corporation of Pakistan (liquidated)**
 - a- Morafco Industries Pvt. Ltd; — Faisalabad (under privatization in PC)
 - b- Suraj Ghee Industries Ltd; — Sheikhpura (Privatized by PC, under litigation)
 - c- Haripur Vegetable Oil Processing Industry- Haripur (Privatized by PC, under litigation)
- iii- PIDC Medical Centre — Karachi** (under liquidation in PC)

Project Work and Performance of PIDC

In pursuance to the objective of industrial and sector development, PIDC released funds for existing ongoing projects and activities during the year. These projects are undertaken by the subsidiaries of the PIDC as executing agencies and are specifically designed to aid the advancement of their respective sectors and economy as a whole. Given below is a brief look into the projects that were started in the financial year and / or funds released to the existing projects:

Particulars of Project / Subsidiaries	Rupees '000'
Furniture Pakistan-Centre of Excellence for Wooden Works	21,604
Preparation of "Feasibility Study & PC-I for development of Dates Storage, Processing and Packaging Plant in Southern Baluchistan"	432

Existing Projects

- Naushero Feroze Industrial Parks at Sindh, execution by NIP
- Common Facilities Training & Manufacturing Centre (CFTMC) at Naushero Feroze, Sindh, execution by FP
- Industrial Technology benchmarking, Cutlery & Surgical Sector by PIDC.
- Industries Facilitation Centre Building Project at Islamabad.
- Establishment of PIDC Data Centre, includes Complete Networking, Server Installation, ERP, etc.

- **Merger of PIDC Subsidiaries**

In light of the Cabinet Division Memorandum No.4-H/2019-Min-1 dated 23rd December 2019 and Mol&P letter No. 3(2)/2017-ME-I dated 23rd January, 2020 to merge five of PIDC subsidiary companies i.e., Technology Upgradation and Skills Development Company (TUSDEC), National Industrial Park (NIP), Furniture Pakistan (FP), Karachi Tools Dies Mold Components (KTDMC) & Industry Facilitation Centre (IFC) into PIDC. The merging entities will be transformed into Business Units of PIDC.

In pursuant to the provisions of section 284 of the Companies Act, 2017, Amalgamation of two subsidiaries i.e., National Industrial Parks Development & Management Company and Furniture Pakistan into PIDC was approved by PIDC Board.

Another subsidiary namely M/s. Aik Hunar Aik Nagar (AHAN) is under liquidation as per the Cabinet decision, final Audit for the year ending 30th June, 2021 is underway.

- **New Initiatives FY 2021-22**

- Dates Processing & Packaging Plant at Turbat, Baluchistan
- Karachi Industrial Park (KIP)
- Establishment of Small-Micro Enterprise Facilitation Park at 17.3 acres.

3.11.1 National Industrial Parks Development & Management Company (NIP)

National Industrial Parks Development & Management Company (NIP) was established in 2005 as a special initiative of the Ministry of Industries & Production, Government of Pakistan. NIP has been formed as a public-private partnership to catalytically facilitate focused industrial growth in Pakistan by developing state of the art world-class industrial parks all over the country. The company is incorporated under Section 42 of the Companies Ordinance 1984.

NIP is currently developing and managing following Special Economic Zones (SEZs) progress whereof is as shown against each:-

- Korangi Creek Industrial Park-SEZ, Karachi - Sindh
- Bin Qasim Industrial Park-SEZ, Karachi - Sindh
- Rachna Industrial Park-SEZ, Sheikhpura – Punjab
- Naushero Feroz Industrial Park-SEZ, Naushero Feroz – Sindh

Korangi Creek Industrial Park-SEZ

Civil Infrastructure Development: Infrastructure work is completed

Utilities:

- **Power:** 4MW Feeder energized by K-Electric and other 4 MW Feeder energization is in process.
- **Gas:** 5MMCFD sanctioned for industrial use and 9.75MMCFD sanctioned for power generation
- **Water:** KW&SB sufficiently meets Park's water requirement

Colonization

- Currently 34 industrial units are operational and 26 are under construction

Bin Qasim Industrial Park-SEZ

Civil Infrastructure Development:

- Major construction of road network & boundary wall is completed
- Left over work of construction of water supply, sewerage and storm water drainage network is targeted to be completed during FY 2021-22

Utilities:

Power:

- 22MW available to meet current requirement.
- PSDP funding approved for establishment of 64MW Grid Station
- Consultant for construction of grid station is appointed: design and construction work is planned to be completed in 22 months

Gas:

- PC -1 for supply of 13MMCFD gas supply is approved by CDWP, and SSGC will commence construction of requisite infrastructure once required funds are release by Petroleum Division

Water:

- Pakistan Steel Mills Bulk Water Supply sufficiently meets park's water requirement

Colonization:

- Currently 08 industrial units are completed and 02 are under construction

Rachna Industrial Park-SEZ

Civil Infrastructure Development:

- Boundary wall/fence is completed
- Construction of road network, water distribution and sewerage/drainage, is more than 90% completed

Utilities:

- **Power:**
- 3MW Feeder is energized by LESCO in Aug 2021
- Construction of 26MW Grid Station and associated transmission line by LESCO is underway; construction work expected to be completed by Dec 2021, and energization by Q1 2022

Naushero Feroz Industrial Park-SEZ

Civil Infrastructure Development:

- Boundary wall is partially completed
- Internal road network is 60% completed and remaining work is expected to be completed by Q2 2022

Utilities:

Power:

- 4MW connection approved by SEPCO
- Construction is expected to be commenced soon, targeted to completed by Q1 2022

Gas:

- 2.5 MMCFD gas connection is approved by SSGC, and construction has commenced; expected completion by Q2 2022

Water

- Park's water requirement will be met by tapping into underground natural water supply, and storing into overhead storage tank for distribution to individual industrial units.

Colonization:

- Nil (Development stage)

CPEC RELATED PROJECTS

During 6th Joint Cooperation Committee (JCC) on CPEC meeting held on 29th December, 2016 at Beijing, China it was agreed to establish following nine (09) Special Industrial Parks/Zones under CPEC framework:

1. Moqpondass SEZ, Gilgit Baltistan
2. Mirpur Industrial Zone, Azad Jammu Kashmir.
3. **ICT Model Industrial Zone, Islamabad.**
4. Punjab-China Economic Zone, Punjab.
5. Rashakai Economic Zone, Khyber-Pakhtunkhwa
6. Muhamand Marble City, FATA.
7. Bostan Industrial Zone, Balochistan.
8. Special Economic Zone, Dhabejji, Sindh.
9. **Jinnah Industrial Park (JIP)/ (Karachi Industrial Park-KIP)**

Out of 09 SEZs two Special Economic Zones (SEZs) were assigned to the Federal Government through MoI&P namely Jinnah Industrial Park (JIP) on Pakistan Steel Mill's Land at Bin Qasim Karachi and ICT Model Industrial Zone, Islamabad. While rest of the seven (7) SEZs shall/are being developed by provincial governments.

Progress in two Projects at S.# 5 # 9 is as under:

Jinnah Industrial Park (JIP)/ Karachi Industrial Park-KIP)

PC-I of a three years project to be executed by Pakistan Industrial Development Corporation (PIDC) titled “Development of Karachi Industrial Park (KIP) on fifteen hundred (1500) Acres of Pakistan Steel Mill’s land at Karachi including feasibility” at the proposed cost of Rs. 6951.00 million was submitted to Planning Commission for consideration by CDWP. In its meeting held on 4th June, 2021 CDWP approved the project including feasibility study component. An amount of 200 million has been allocated in the PSDP for Financial Year 2021-2022, Development cost for 500 Acres out of 1500 Acres land shall be met from PSDP while remaining development cost shall be funded through revenues from the allotment of plots. The settlement of price issue of land regarding Karachi Industrial Park (KIP) between Pakistan Steel Mills (PSM) and Pakistan Industrial Development Corporation (PIDC) is still under negotiation. Therefore, it would be got declared as SEZ by Board of Investment.

ICT Model Industrial Zone, Islamabad

As per decision taken by the Prime Minister on a note moved by the Board of Investment (BoI). Now, it will be developed through international competitive bidding, after Capital Development Authority (CDA) identifies land for the same. NIP can if so desire, participate in the competition. BoI being the SEZs Authority (ICT-SEZA) under SEZ Act 2012 shall process its planning, approval and execution. Identification of land by CDA is stated to be in process where-after Board of Investment (BoI) shall proceed for bidding, selection of developer & subsequent award.

3.11.2 Technology Upgradation and Skill Development Company (TUSDEC)

INTRODUCTION

Technology Upgradation and Skill Development Company (TUSDEC) was created on the direction of honorable Prime Minister, as per following extract of the minutes of meeting held on October 22, 2004 under the chairmanship of the PM.

*“Technology Upgradation and Skill Development Company (TUSDEC) will be created as a guarantee limited company, **wholly owned and funded by GoP**”*

Established on 24 January 2005 as a Section 42 Company under Companies Ordinance 1984, wholly owned by PIDC with a mission to **“Upgrade technology and skills of key and strategic industrial clusters and connect Pakistan to the global value chain”**.

Over the years, TUSDEC has successfully implemented a range of development initiatives for key industrial sectors such as Engineering, Cement, Garments, Renewable Energy, Ceramics and Skills Development supported by Government of Pakistan, national and international donors. Since inception, TUSDEC has established **7 Technology Upgradation Centres (TUCs)** and **8 Skill Development Centres (SDCs)** to support local industries by providing modern design, testing, training and consultancy services. TUSDEC TUCs have performed **9,279 industrial jobs**, **17,845 testing services** and **upgraded 26 labs** of TVET institutions. Similarly, TUSDEC SDCs have **trained 84,736 individuals** including industry professionals, engineers, students and marginalized youth. With limited resources, TUSDEC has managed to contribute approximately **Rs 15 Bn** value addition to the national economy.

In addition to much needed projects and bring a systematic approach for developing Pakistan’s technological capabilities, TUSDEC developed “Draft Industrial Technology Acquisition Policy 2020-25” to benchmark, acquire, assimilate and improve the technology being used in various industrial sectors across all major clusters of Pakistan.

Summary of Activities & Key Achievements (2020-21)

- **7 TUCs** in Operation
- **6 SDCs** in Operation
- **1003 Industrial Jobs/parts Completed** (Product design, parts, CAD/CAM, TDM, heat treatment, shuttle kiln etc.)
- **1243 Industrial Testing Services** (Material testing)
- **1362 Participants Trained**
- **Draft Industrial Technology Acquisition Policy (2020-25)**

Outlook 2020-21

Industrial Technology Acquisition Policy (ITAP): TUSDEC drafted “Industrial Technology Acquisition Policy for Pakistan” to benchmark, acquire, assimilate and improve the technology being used in various industrial sectors across all major clusters of Pakistan. The policy was presented to key stakeholders/experts and endorsed by MoIP to forward it to Planning Commission

PSDP Projects

1. Footwear Cluster Development through CAD/CAM Centre, Lahore

TUSDEC’s project “Footwear Cluster Development through CAD/CAM Centre, Lahore” with total cost of Rs. 78.69 Million and cost allocation of Rs. 20 Million for FY 2020-21 is under implementation. TUSDEC has started implementation and the project will contribute to national economy through

- 900 product design & development job
- 1600 trainees
- Value Addition of worth Rs. 214.42 Million

2. Industrial Designing & Automation Centres (IDAC) Lahore, Sialkot & Karachi

TUSDEC’s project “Industrial Design & Automation Centres (Lahore, Sialkot & Karachi)” approved by DDWP in February 2020 with a total cost of Rs.972.97 Mn out of which Rs. 80 Mn allocated for FY 2020-21. The project which will contribute to the national economy through

- 525 reverse engineering (scanning/ data generation) jobs
- 101 Tech. Solutions for automation (Advisory Services)
- 26, 3D Prototypes (Laser Printing)
- 3692 trainees (industrial automation)
- 185 new enterprises
- Rs.394 Million Value addition in 2 years

3. Support Center for Dental and Surgical Implants, Sialkot (SCDS)

TUSDEC’s project “Support Centre for Dental and Surgical Implants (SCDS)” is approved by the DDWP forum in a meeting held on 1st June, 2021 with total cost of Rs. 720.35 Million and cost allocation of Rs. 50 Million for FY 2020-21. The project will contribute to national economy through

- 945 trainees will be trained
- 70 trainings will be conducted in both machine based trainings and designing software
- 34,848 man hours will be conducted

4. National Strategic Programme for Acquisition of Industrial Technology (NSPAIT)

TUSDEC developed “National Strategic Programme for Acquisition of Industrial Technology (NSPAIT)” in coordination with “PM Task Force on Technology driven Knowledge Economy” worth Rs. 3.3 Billion. An allocation of Rs. 167 Mn is for the FY 2020-21. The feasibility study of the project is completed and amended PC-I is resubmitted in MoPD&S. The project will contribute to National Economy through;

- Industrial Jobs Completed 446,029 (Total Parts /pieces 8,711,769)
- Industrial Testing Services 27,283
- New Enterprises 409
- Employment Generated 3,893
- Number of Trainees 12,965
- Value Addition Rs. 6.4 Bn
- Import Substitution Rs. 450 Mn
- Increase in exports Rs. 18.7 Bn

Technology Upgradation & Skill Development – Ongoing Initiatives:

Following are key technology upgradation and skill development initiatives of TUSDEC to uplift industrial sector through provision of design, production, testing and skill development services in order to enhance competitiveness and productivity of local industries.

1. Product Design & Development Centre (Reverse Engineering facility)

- TUSDEC is running a Reverse Engineering facility in Lahore and providing 3D models generation using BACES 3D, Scanner, Static Stress Analysis of mechanical components using CAE licensed software
- **412** product design and development jobs performed during 2020-21

2. Gujranwala Tools, Dies & Mould Centre (GTDMC)

- Established as a Common Facility Centre (CFC) to support local TDM & allied industries by providing design, training, quality testing and consultancy services
- **86** industrial jobs performed and **230** individuals trained during 2020-21

3. Ceramics Development and Training Complex (CDTC)

- Common Facility Centre contrived to upgrade the ceramics and sanitary-ware cluster through transfer of technology, engineering support services, consultancy, testing and manpower training
- The centre has performed **325** industrial jobs, lab testing of **203** samples and **10** individuals trained during 2020-21

4. Engineering Support Centres (ESCs)

- TUSDEC is running **3** Engineering Support Centres including Hyderabad Engineering Support Centre, Light Engineering Upgradation Centre for SMEs in Baluchistan and Peshawar Light Engineering Centre
- The centres are facilitating the local industry with modern design, training and consultancy services to local industry
- The centres have processed **180** Industrial jobs, **639** Parts manufactured & trained **590** Individuals in 2020-21

5. Cement Research and Development Institute (CR&DI) – Lahore

- The institute is providing top quality testing facilities following the global standards include Pakistan (PSS), Indian (IS), Srilankan (SLS), European (EN-197) & US (ASTM) to support local cement / construction industry.
- Materials Tested include Cement (OPC, SRC, White, Blended), Fly Ash, Silica Fumes, Slag, Concrete Pavers, Grout, Clinker Dolomite, Iron Ore, Gypsum, Fire Bricks
- **1040** samples were tested during the year 2020-21

6. National Institute of Design & Analysis (NIDA)

- TUSDEC is running five CAD/CAM training centres (Lahore, Sialkot, Karachi, Quetta, Peshawar) with an aim to overcome the dearth of skilled manpower and enhance productivity of key industrial clusters of Pakistan in the field of digital product design and engineering through multidisciplinary training in CAD/CAM
- Five centres have trained almost **309** individuals during 2020-21

7. SkillTech International Karachi

- TUSDEC is running SkillTech International Karachi with an aim to empower industry professionals and youth with locally and internationally accepted training standards
- **223** individuals have been trained in various trades during 2020-21

Public-Private Partnerships Initiative:

1. Naphtha Cracker Complex (NCC):

In order to meet the requirements of local petrochemical industry, plastic industry, other allied industries and play a role in raw material import substitution, TUSDEC Proposed the concept of Naphtha Cracker Complex (NCC) facilitating the chemical sector development in Pakistan. The NCC will facilitate the different industries in Pakistan in context of CPEC development sector through raw material import substitution.

Current Status: TUSDEC submitted PC-II proposals in MoIP to conduct feasibility study of the proposed project.

2. Electronics Complex Lahore

TUSDEC aim to develop Electronics complex to support electronic manufacturing services (EMS) as well as provide training in mass production techniques to the local

manpower. The state of the art centre will provide modern design and manufacturing solution to electronic industry.

Current Status: TUSDEC submitted PC-II proposals in MoIP to conduct feasibility study of the proposed project.

3.11.3 Karachi Tools, Dies & Moulds Centre (KTDMC)

Brief History:

Karachi Tools, Dies and Moulds Centre is a project of Ministry of Industries, Pakistan, in affiliation with PIDC, incorporated in year 2005.

The Automotive industry hugely supports the economy of Pakistan. KTDMC is uplifting the automotive industry as well as other sectors with its core expertise in dies & Moulds. Our objective is to upgrade the tools, dies and moulds industry by manufacturing World class Tooling and training manpower to create a better tomorrow.

Vision:

- *Provide local TDM industry with state-of-the-art design, development, training and consultancy services.*
- *Enhance Tools, Dies and Moulds making skills.*
- *Develop digital manufacturing environment.*
- *Upgrade local engineering industry towards world class design and manufacturing.*

Mission:

To provide State of Art Design, Consultancy, Training and Manufacturing facilities in the field of Tools, Dies and Moulds Making to local engineering industry to enhance high –Tech awareness and skill pools contributing in national development”

Quality Policy:

To provide world class tools, dies, molds and relevant services, with the entire satisfaction of our customers in quality, cost, competitiveness and on time delivery.
&

To provide the skilled and disciplined manpower to the manufacturing industry by implementing high educational standards and advanced practical training.

Core Business:

- ✓ Moulds & Dies Manufacturing
- ✓ Vacuum Heat Treatment & Nitriding
- ✓ Mould Texturing
- ✓ Reverse Engineering
- ✓ 3rd Party Inspection
- ✓ DAE in Dies & Moulds Manufacturing
- ✓ CAD/CAM/CAE Short Courses
- ✓ CPD Trainings

Teaching Factory Concept:

The Teaching Factory concept is a synchronization of the academic and industrial approach that brings together the learning of the classroom and the experience of a factory under one roof.

KTDMC has been practicing the Teaching Factory concept since incorporation. Its Internationally Certified Faculty plays an important role in building up the aptitude of a student both personally and professionally. At KTDMC, this positive systematic interaction has contributed greatly to the creation of an environment of innovation, teamwork, strong association with the industry and a strong focus on capability development. The blend of academia and industry helps the students of KTDMC to be completely self-reliant when he steps into the professional world.

Achievements in 2020-21:

1. Protector Fender Mould & CF for Indus Motor Company
2. Left Crank Case CG-125 with Flange Four Cavity Mould Localized
3. Development Right Crank Case CD-70 KED (650-Tonne Die Casting Machine).
4. Right Crank Case K0KA
5. Left Crank Case K0KA
6. Brake shoe 12-Cavity Mould Development
7. Trained 03 batches of students under TVET Sector Support Programme.
8. Localizing Japanese Double Cavity Moulds through Atlas Honda Pakistan
9. Digital Marketing for DAE Intake
10. Japanese Management Techniques Training

Moulds Developed:



17



17

Trainings:



TVET Sector Support Programme-AutoCAD Training



TVET Sector Support Programme-CNC Machinist Training



3.11.4 Pakistan Stone Development Company (PASDEC)

BACKGROUND:

Pakistan is blessed with huge reserves of valuable dimensional stones in variety of colors. According to estimates, Pakistan has over 30 billion tons of minable reserves of marble and granite. The sector holds tremendous potential of investment, export and poverty alleviation.

The country has access to high quality reserves in KPK, Balochistan & Northern areas. However, due to lack of modern quarrying techniques, infrastructural development issues, marble industry continues to face challenges and unable to recognize its true potential. Potential areas include Buner, Swat, Mansehra, Dir, Chitral, Swabi, FATA (KPK), Thatta, Nagarparker (Sindh), Chaghi, Khuzdar, Mastung (Balochistan), AJK and Gilgit Baltistan.

There are approximately 1,400 quarries and 3,000+ processing units in the country. Only 5-8 % of such quarries are being operated on mechanized methods, whereas hardly 1% of such processing units are being operated as per international standards. Total exports of marble, granite and onyx from the country in 2020 stands at US \$ 38.75 Million. China is the major export market and 60.14 % of export value was earned from China in 2020. Other export partners included Saudi Arabia, Afghanistan and Middle Eastern Countries.

Much of the finest stones that are exported to European countries have their origins in Pakistan, however, due to scarcity of modern technology, skilled manpower and technical knowhow, blasting techniques are majorly used for exploration by the industry. This has resulted in extra ordinary wastage of natural resources of the country, decline in exports and less investors' confidence.

Formation:

Pakistan Stone Development Company (PASDEC) was established as a not-for-profit organization in 2006 under section 42 of Company's Ordinance 1984 (Now Company's Act 2017) as a subsidiary of Pakistan Industrial Development Corporation (PIDC), working under the auspices of the Ministry of Industries and Production, (MOI&P) Government of Pakistan.

The mandate of the Company is to develop the marble and granite sector of Pakistan as per best international practices.

Objectives:

The objectives of the Company are as under:

- To promote, develop and up-grade dimensional stone sector of the country.
- To facilitate, support and demonstrate mining exploration, prospecting and exploitation practices for achieving high value extraction of dimensional stone square blocks.
- To promote mining on modern lines within the dimensional stone sector by introducing complete range of mining and handling machinery and equipment

within the country and also facilitate miners in the procurement of latest mining equipments.

- To specify processing clusters, prepare layout and determine feasibility of sites for industrial estates.
- To carryout feasibility studies for determining the technical and economic viability of marble and granite warehouses.
- To work for human resource development and capacity building in the dimensional stone sector.
- To create awareness in the sector about the scientific modern mining techniques unto geologists, mining engineers, supervisors, mine owners and surveyors through publications, holding workshops, seminars and training courses.
- To conduct geo-technical and feasibility studies and allied research.

PASDEC'S ACTIVITIES:

In order to promote the sector on modern lines and aligned with the best international practices, the Company has carried out following projects:

- **Mechanized Quarries:** For the demonstration of latest quarrying techniques, 14 mechanized quarry projects have been initiated in the country, wherein latest quarrying practices have been demonstrated and training has been provided on use of latest quarrying techniques and technology. The Company has also conducted 300+ technical studies of marble and granite quarries across the country for the private sector to analyze reserves and quality.
- **Machinery Pool:** PASDEC has established two Machinery Pools in order to provide latest mechanized mining equipment to the lease holders/mine owners on subsidized rental basis. These Machinery Pools are located at Gaddani and Risalpur to cater south and north region of the country respectively. The Machinery Pools have facilitated 100 plus mines in adopting mechanized mining practices through deployment of machines.
- **Common Facility Training Centers (CFTC) and Warehouses:** CFTCs and warehouses are planned to be established to facilitate SME's with latest processing machinery on rental basis, which otherwise is not available for entrepreneurs. Efforts are underway to complete the two CFTCs at Gaddani and Risalpur, however the CFTCs could not be completed on time due to non-release of balance PSDP funds.
- **Marble Cities (Non-PSDP):** To attract investment and foster industrializations, dedicated marble cities are planned to be established with state of art infrastructure. In this regard, Marble City Risalpur on an area of 185 acres is completed with 56 active units. The project is first ever industrial estate dedicated for marble and granite processing and allied industries.
- **Skill Development:** PASDEC has provided training to more than 600 quarry operators on use of latest quarry machinery and techniques. In addition, 1,262 females have also been trained on mosaic, inlay and handicraft making for value addition while using wastage of marble.

KEY HIGHLIGHTS FY 2020-21

- Inking of MOUs with Directorate of Mines and Minerals, Government of Gilgit Baltistan to develop the Marble & Granite Sector of Pakistan
- Facilitation to mine owners across the country in adoption of mechanized mining practices to enhance production and reduce wastages.
- Facilitation in establishment of different industrial units for marble & granite at the Marble City Risalpur.

3.11.5 Pakistan Gems & Jewellery Development Company (PGJDC)

INTRODUCTION:

The Company was established in 2006 under section 42 of Companies' Ordinance 1984, as a subsidiary of Pakistan Industrial Development Corporation (PIDC), working under the Ministry of Industries & Production, Government of Pakistan. The company became operational in 2007. In April 2020, the Company was declared as an autonomous body of MoIP by the Government of Pakistan.

Location: The Company's Head Office is located at Karachi whereas project offices are established at Karachi, Lahore, Peshawar, Quetta, Gilgit, Muzaffarabad AJK and Sargodha. These include seven Gems and Jewellery Training and Manufacturing Centres (GJTMCs), seven Gemstone Identification Laboratories, two Assaying and Hallmarking Centres. Two Gem Exchanges were also established which have now been closed.

Scope and Mandate: The mandate of the Company is to establish Pakistan as a high value added, internationally competitive, world class hub for precious stone cutting and jewellery manufacturing by means of supporting the value chain and ancillary trades. Following objectives have been identified for the development of Gems and Jewellery Sector:

- Skill Development
- Technology Up-Gradation
- Quality Assurance
- Marketing and Branding.

1- ACTIVITIES DURING FY 2020 – 21:

The Company faced numerous challenges while implementing its initiatives during the FY 2019 – 20, due to shortage of funds. After the completion of Umbrella PC-1 of the Company, the Company faced financial crisis which resulted in stoppage of its operations in June 2019.

Since the operations of the Company got halted after June 2019 and employees were laid off, no activities were undertaken by the Company during the FY 2019-20. However, the Company has been vigorously trying to approach different quarters for resumption of its funding stream. New PC-1 was submitted to continue its operations which are under consideration at relevant quarters.

However, during FY 2020 – 21, the Company was involved in suggesting policy and fiscal reforms for easing the import/export procedure for conducting Gems and Jewellery Trade. The Company is a member of Working Group on Jewellery and has suggested remedial measures for betterment of SRO 760(I)/2013, which are under consideration at relevant quarters.

2- FUTURE TARGETS:

- 1- As the Company has been declared as an autonomous body of MoIP, upgrading it to Pakistan Gems and Jewellery Development Authority for development, regulation and standardization of Gems and Jewellery Industry of Pakistan.
- 2- Promulgation of Assaying and Hallmarking Council Act through enactment from Parliament in order to enforce Assaying and Hallmarking Regime in the Country.
- 3- Approval of new PC-1 amounting to Rs. 997.01 Million for establishment of Quality Assurance and Certification Labs and Promotion of Pakistani Gems and Jewellery through E-Commerce.
- 4- PGJDC is in the process of collaborating with Provincial Governments/TEVTAs for reviving operations of its training centers across the Country. Collaboration with KP-TEVTA for Peshawar training center has been done, whereas discussions are underway with other provincial Governments/TEVTAs for collaboration regarding training centers situated in other provinces.

3.11.6 PAKISTAN HUNTING & SPORTING ARMS DEVELOPMENT COMPANY

Pakistan Hunting and Sporting Arms Development Company (PHSADC) was established in 2006, as public company with limited liability, having share capital under section 42 of the Companies Ordinance, 1984 as subsidiary of Pakistan Industrial Development Corporation (PIDC) under the administrative control of Ministry of Industries & Production, Government of Pakistan, Islamabad.

Achievements (2020-2021)

1) CFTC Up gradation

Pakistan Hunting and Sporting Arms Development Company (PHSADC) has established estate of the art “Common Facility Training Center (CFTC)” for the up-gradation of hunting and sporting arms manufacturing industry of Peshawar and Darra Adam Khel in year 2016.

The CFTC was designed to cater down the weaknesses of local hunting and sporting arms manufacturing units and full fill demands of international markets. Since its establishment, the CFTC has facilitated the industry through quality machining services for the manufacturing of Dies & Moulds, CAD/CAM services, and other mass production tools. The CFTC project has not only reduced the dependency of local manufacturers on Punjab and Sindh for outsourcing of manufacturing services but also enhanced the quality and production of local products. Keeping in view the over whelming response from local cluster and manufacturing demands of industry, PHSADC has upgraded the CFTC setup by addition of more CNC and conventional machinery. The CFTC will help in attracting more potential investors to set SME’s which will generate employment opportunities for local public.

Through CFTC the company has provided services to approximately 60 stakeholders in various parts, designing, drawings, moulds & dies etc. by generation amount PKR.3.5 million revenue for its operations.

Various on job trainings of Lath Operator, Milling Operation and CNC Operator have been provided to 52 trainees at CFTC.

At present 25 trainees through National Vocational & Technical Training Commission (NAVTTTC) is getting training (Advance CNC Operator) through their internship Prime Minister Kamyab Jawan Program for six months.

2) Establishment of Separate Small Industrial Estate (S.I.E) for hunting & sporting arms SME:

- Despite the fact that Dara Adam Khel has a century-long rich heritage of manufacturing hunting and sporting arms, unfortunately this sector lacks the government support and recognition as a proper industry which may play a vital role in strengthening the economy of Pakistan. The manufacturers of hunting & sporting arms should provide with a documented and legal frame work. The

establishment of Industrial Estate in Dara Adam Khel will be capable of producing replicas / copies of renowned models, as well as producing quality sporting and hunting arms, which can be exported abroad. The manufacturers will be registered under legal net and with a clear vision to produce hunting and sporting arms instead of assault weapons. The company in liaison with Khyber Pakhtunkhwa Economic Zone Development & Management Company (KPEZDMC) and Provincial Government of Khyber Pakhtunkhwa is planning to establish Jalozai Economic Zone for re-organizing the scattered SME's of Peshawar and Dara Adam Khel. The 13 years a continuous struggle of the Company has not only help in the regularization of the sector but has enhance the export growth of this sector. PHSADC in collaboration with Government of Khyber Pakhtunkhwa has allocated separate block measuring 67.00 acres land at Jalozai Economic Zone for hunting & sporting arms sector.

3.11.7 Furniture Pakistan (FP)

INTRODUCTION

"Furniture Pakistan" a subsidiary of Pakistan Industrial Development Corporation (PIDC), Ministry of Industries & Production, Government of Pakistan incorporated in 2007 under section 42 of Companies Ordinance 1984. Furniture Pakistan is acting as an apex body for the development of furniture sector in Pakistan by increasing its overall productivity and trade through provision of technical training, common facility for production and access to the latest technology to furniture manufacturers.

Core objectives of the company are as under;

- Support to Furniture Sector to Improve quality of products
- Develop Productive Workforce
- Wood Seasoning
- Advisory Services
- Establish Industry Linkages

Activities, Achievements & Progress 2020-21

The objective of the company is to develop, upgrade, strengthen and promote the furniture sector of Pakistan to increase national/domestic furniture production. Furniture Pakistan is providing common manufacturing facility on state-of-the-art wood working machinery and imparting training to build the capacity of the local furniture manufacturers to enter into new potential markets and to enhance the production capacity of local furniture industry. To achieve its objectives, Furniture Pakistan has established three Common Facility, Training and Manufacturing Centers (CFTMCs) in Chiniot, Peshawar and Sargodha. Fourth one, CFTMC is also being established in Naushero Feroze, Interior Sindh with similar facilities as provided in existing three centers.

But unfortunately, during 2020-21 FP could not perform its vital role to support the local furniture industry to enhance its production because of shortage of funds. Along with that Federal Government has decided to merge FP into PIDC and informed vide Cabinet Division's Memorandum No. 4-11/2019-Min-I, dated 23-12-2019. The process of merger of FP into PIDC is also under way.

3.12 AGRO FOOD PROCESSING (AFP) FACILITIES MULTAN

ACTIVITIES OF AFP COMPANY

There are three major activities of Agro Food Processing Facilities Multan i.e. Pulping, Grading & Consultancy Services:

Pulping

- Mango 10 tons/hour
- Guava, Peach 5 tons/hour

Grading

- Round Fruits & Vegetables 5 tons/hour

Packaging Types (200Kg Bag in Drum)

- Aseptic
- Chemical
- Frozen

Consultancy Services

- Consultancy on latest manufacturing and processing techniques
- Information on latest technology

1. ACHIEVEMENTS AND PROGRESS

- AFP Facility provides fruits and vegetables pulping, grading and packing facility; and facilitates farmers in latest manufacturing and processing techniques through provision of professional advice and information services. The following table shows the processing results achieved since incorporation of the Company, till date.

- a) **Pulping Achievements**
Tons

Description	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Pulping target as per PC-1	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160
Pulping Target Achieved	1,855	4,372	4,068	4,185	4,949	5,758	4,579	2,132
Achievement %	85.86	202.41	188.34	193.75	229.12	266.57	211.99	98.70

b) Financial Overview (PKR-Million)

Financial Year	Revenue Generated	Operational Expenses	Surplus / (Deficit)
2012-13	28.080	19.084	8.996
2013-14	29.265	21.346	7.919
2014-15	68.794	42.17	26.62
2015-16	68.326	46.40	21.92
2016-17	79.30	51.40	27.90
2017-18	99.45	70.14	29.31
2018-19	118.66	83.71	34.95
2019-20	122.03	82.26	39.77
2020-21(Un-audited Accounts)	59.55	55.55	4.00

c) Other Achievements

1,691,349 Kg citrus was also graded since incorporation of AFP Company, till date.

350 - 400 Farms are engaged for fruit procurement for AFP

It is an approved processing unit for multinational companies such as Nestle, Pepsi Cola International and Engro Foods etc.

Through demonstration of the Technology and practices by AFP, 02 food- processing plants have been established in Multan by the private sector.

Deliver Practical Knowledge to students of different universities through internship programs.

AFP also creates direct and indirect employment opportunities for approximately 1,000 individuals during each season.

AFP is FSSC-22000 Certified Plant

Self-sustainable Project having no burden on public exchequer

2. PROGRAM AND TARGET SET OUT FOR PRECEDING YEAR (2021-22)

Pulping Target 4,000 Tons

Grading Target 50 Tons Revenues Target 7.90 Million

3.13 KCDC TEXTILE & VOCATIONAL INSTITUTE (PVT) LTD

Company Formation

- M/s KCDC Textile & Vocational Institute is Joint Venture Project under Public & Private Partnership Concept; Company is incorporated under section 32 of the Companies Ordinance 1984.
- It is formed as Private Limited Company under Section 32 of Company Ordinance 1984.
- Actual Commencement Date: June, 2009.

Mission

- KCDC is committed to provide quality vocational education and training to poor class and depressed sections of society.

Vision

- Encouraging for developing human resources to reduce the mismatch between demand and supply of manpower in various sectors like Textile, Engineering, Information Technology ETC.
- To reduce unemployment among youth by equipping them for suitable industrial, self & wage employment through well designed formal & non-formal Vocational Education & Training Programs.
- Establishing linkages with industry /Institutes / R & D organizations for mutual benefits.
- Arranging quality development programs for instructors, staff & students thereby creating a dynamic learning environment.
- Establishing Centre of Excellence emerging areas like Crafts Making, Production & Manufacturing, CAD/CAM & Information Technology.
- Facilitating the students by conducting various activities like Quiz, Entrepreneurship program, sports and different competitions.

Objective

- To ensure a steady flow of skilled workers in different trades for the industry.
- To raise the quality & quantity of industrial production by systematic training of workers.
- To reduce unemployment among the youth by equipping them for suitable industrial employment.

Our Vocational Trades

- Weaver/ Weaving machine operator
- Wrapper/ Warping machine operator
- Fabric product development specialist

- Fabric quality inspector
- Fashion design
- Graphic designing
- Cad/Cam digital embroidery
- Pattern drafting and cutting
- Home textile product maker
- Quality control in garments
- Textile Designing
- Beautician
- Domestic Tailoring
- Manual dyeing expert
- Welding
- Auto Mechanic
- Plumber
- Computer Basic
- Refrigeration
- Many other/ ETC

Last Year Performance

- KCDC is actively working as per the vision of Government of Pakistan.
- KCDC signed JV for execution Hunermand Balochistan.
- In 20-21 we have established 30 new technical institutes in 12 different districts of Balochistan. 2500 Students have inducted in Balochistan in first batch in 15 different trades and successfully passed out from NTB exam.
- KCDC also actively worked for National Vocational & Technical Training Commission (NAVTTTC). In 2020 we have signed training MOU with NAVTAC and under these MOU's we have provided trainings of 4 different trades of textile. In these trainings 200 trainees have participated and passed out successfully.

Future Plans

- Company has set different goals and targets for future major targets are mentioned here.
- Two become diploma/degree awarding Textile Institute.
- To open new units in FIEDMC CEPAC Special Economic Zone Faisalabad for development of Technical Labour for CEPAC.
- To open new Institutes in KPK and Sindh.
- 2nd Batch of Hunermand Balochistan is in progress of 2500 students.
- Train at least 5000 to 6000 trainees for in next year 2021-22

3.14 LEATHER CRAFTS DEVELOPMENT COMPANY PVT LTD (LCDC)

INTRODUCTION:

M/s: Leather Crafts Development Company Pvt Ltd is a joint venture between Public Sector and Private Sector and it is registered with SECP under Section 32. Its PC-1 was designed to make PPP (Public Private Partnership) as a success case.

TECHNOLOGY IMPROVEMENT AND BUSINESS ADVISORY SERVICE:

- The project purpose relates directly and indirectly to the Government of Pakistan's emphasis on Development and Empowerment of less Development Areas. The primary goal of the project is to generate economic activity and provide employment to the local based people on their indigenous strengths.
- Add value on modern footings, in the traditional craftsmanship of leather products sector in less Development Areas.
- Enhancing competitiveness, efficiency, quality and productivity of leather products sector in Less Development Areas.
- Infuse gender empowerment in the region by employing at least 50% women in workforce.
- Produce skilled labor initially for the project itself and later on for the area.
- Enable the local leather products industry to enter international market.

TRAINING AND SKILL DEVELOPMENT

M/s: Leather Crafts Development Company Pvt Ltd can create direct employment to 450 persons during each season and can provides them training and development opportunities on state-of-the-art leather products unit. Moreover, internship opportunities can be available for fresh candidates without any cost.

M/s: Leather Crafts Development Company Pvt Ltd can also extends technical assistance and consultancy support to local stakeholders for value addition investment mobilization and technology transfer.

INDUSTRIAL INFRASTRUCTURE DEVELOPING, INDUSTRIAL PRODUCTION AND OTHER SUPPORT SERVICES:

M/s: Leather Crafts Development Company Pvt Ltd industrial infrastructure is well organized, located in less developed area state of the art building, having easy access to new comers. M/s: Leather Crafts Development Company Pvt Ltd can also provides informative and technical support for the SMEs in the southern Punjab region.

PROVISION OF SUBSIDIES:

M/s: Leather Crafts Development Company Pvt Ltd is not offering any subsidy on any of its facility.

GENERAL ADMINISTRATION COSTS:

General Administration Costs of LCDC are occurred in the best interest of the Company to cover its own operational costs by making leather products.

FURTHER ACHIEVEMENTS:

- Company was incorporated with SECP on 31th of May, 2011.
- From 2011 till 2014, Rs 150.0 (M) were released by PSDP and Private Partner has invested Rs 198.0 (M) till 30.06.18.
- Land procurement and Civil Work were all completed by the approval of Board members and under PPRA Rules.
- Partial Machinery (15%) has been procured by Private Partner.
- Leather Crafts Development Company (Pvt) Ltd started its production in January 2016 till 2018.
- During 3 years Company have trained over 200 people (including women 40 %) and current employees are 14.
- All the formalities of SECP are strictly observed.
- Company net loss is Rs.4.200 (M) in year 2020-21(unaudited). 90% of loss is due to depreciation cost as company was not operational in 2019-20.
- M/s: Leather Crafts Development Company is not Operational as balance funds by Public Sector Rs 64.01(M) is not released yet to Procure Machinery.

3.15 SPUN YARN RESEARCH AND DEVELOPMENT COMPANY (PVT) LTD

INTRODUCTION:

M/s: Spun Yarn Research and Development Company Pvt Ltd is a joint venture between Public Sector and Private Sector and it is registered with SECP under Section 32.

In PC-1, the project was designed to make PPP (Public Private Partnership) as a success case.

SCOPE OF THE PROJECT:

- The Scope of M/s: Spun Yarn Research and Development Company Pvt Ltd is to consume the leftover waste of cotton industry to produce useful raw material for next processes. The proposed facility aims to consume waste of cotton spinning industry in the form of card fly and dropping to convert it into valuable market products, which are known as Recycled Yarn.
- M/s: Spun Yarn Research and Development Company Pvt Ltd is enhancing the competitiveness of ginning and spinning industry of this region. It will also create job opportunities for the people of less Developed Areas Enhancing competitiveness, efficiency, quality and productivity of cotton products sector in Less Development Areas.

TRAINING AND SKILL DEVELOPMENT:

M/s: Spun Yarn Research and Development Company Pvt Ltd creates direct employment of about 174 persons and indirect employment opportunities for approximately 500 persons during whole year and provides them training and development opportunities on state-of-the-art recycling yarn unit.

Moreover, internship opportunities are available for fresh candidates without any cost.

M/s: Spun Yarn Research and Development Company Pvt Ltd also extends technical assistance and consultancy support to local stakeholders for value addition investment mobilization and technology transfer.

INDUSTRIAL INFRASTRUCTURE DEVELOPING, INDUSTRIAL PRODUCTION AND OTHER SUPPORT SERVICES:

M/s: Spun Yarn Research and Development Company Pvt Ltd industrial infrastructure is well organized, located in less developed area state of the art machinery, having easy access to trainees of rural areas and other stake holders.

M/s: Spun Yarn Research and Development Company Pvt Ltd also provides informative and technical support for the SMEs has set an example of value addition and progress for the SMEs in the southern Punjab region.

Following the trend set by SYRDC, two other Recycling Yarn Units have been established by the private sector in Sindh.

PROVISION OF SUBSIDIES:

M/s: Spun Yarn Research and Development Company Pvt Ltd is not offering any subsidy nor receiving.

GENERAL ADMINISTRATION COSTS:

General Administration Costs of SYRDC are occurred in the best interest of the Company to cover its own Operational costs by making recycled yarn. The Company is a profit-oriented venture, still it is covering its own operational and running costs.

FURTHER ACHIEVEMENTS:

- M/s: Spun Yarn Research and Development Company Pvt Ltd has increased its capacity from 3 frames to 8 frames within last 3 years with private sector investment.
- M/s: Spun Yarn Research and Development Company Pvt Ltd has introduced recycled yarn in local market and has achieve a “Green Status” last year.
- M/s: Spun Yarn Research and Development Company Pvt Ltd has given direct jobs to over 174 persons in 2019-20.
- Company earned net profit of Rs.1.815 (M) in year 2020-21 (unaudited).
- Company paid 32.5 (M) sales tax & 3.6 (M) income tax during 2020-21 (unaudited).

3.16 SPEI-Institute for Fashion & Professional Edification

INTRODUCTION

SPEI. Institution for Fashion and Professional Edification is a Joint Venture Project based on Public / Private Partnership concept between PIDC and Private Sector (PIDC 26% & Private 74%). Company is incorporated under Section 32 of the Companies Ordinance 1984.

PROJECT GOAL AND OBJECTIVES:

- Develop Our National Human Resources, particularly the Youth and Women, so as to make them Skilled and Employable for better Pakistan.
- Empower especially Southern Punjab and adjoined Tribal Areas which are less educated and we serve them with Formal Vocational Training and Certification.
- Economic Empowerment of marginalized sections of society including women, and landless village artisans, through Skill Development and Provision of opportunities to get formal Vocational Training and Certification for income generation.
- Help to provide employment opportunity through Vocational Skill with main focus to unskilled and unemployed women work force of this Region.
- Provide training to the marginalized, poor and vulnerable population by upgrading their skills.
- Enhancing competitiveness and productivity of the Commercial Skills and Industrial Skills Through Skill Development.

Project Philosophy

- To develop a sector, which has its own identity and is support for the better utilization of the Natural Resources and opportunities of the country.
- Friendly guidance and corporation in progress through Skill, Technological Up-Gradation and Product Development emphasizing on Women Empowerment.
- Contribution to Industrial Labor Force especially by focusing Women.
- Empowerment of people in under developed area of Pakistan especially South Punjab.
- To do skill development on the environmentally friendly techniques and technologies for the better wage rates and profits.
- To train people in such a way that they can stand on their feet in terms of their earnings.

PERFORMANCE REVIEW / ACHIEVEMENTS /REVIEW YEAR 2020~21: -

- To follow the Ministry of Industries & Production (MoIP) vision we experiencing remarkable growth in areas of production of value addition and achieved its objectives of providing state of the art services to the local poor raw as well skilled artisans specially women.
- Acquaintances the Prime Ministers apparition during the value addition work project engaged about more than 4200 local raw and skilled peoples in which most of them are women.
- During the year about four thousand people also get financial & technical benefits from the SPEI.
- SPEI is supper active and one of the exclusive esteemed organization whom directly assist National Vocational Training Commission of Pakistan Prime Minister Secretariat.

Future Targets:

- To become degree awarding Fashion & Garments Engineering Institute.
- To Get affiliated with some foreign Universities for starting Degree Programs.
- SPEI is committed and stand with the Government of Pakistan for Developing Trained, Skilled, Educated, Cultured, Prolific, Flourished & Empowered Human Resource for the country which should play their role for the achievement of developed Pakistan.

3.17 Gujranwala Business Centre (GBC)

INTRODUCTION

Gujranwala Business Centre (GBC) is a public sector company registered under section 42 of Companies Ordinance of 1984 established with the aim to provide a promotional and shared display facility for the industry of Gujranwala

OBJECTIVES

- To act as a platform for displaying variety of products of Gujranwala Industry to attract local and international buyers.
- To help the businessmen to find new markets, identification of weaker links in their products presentation to promote their local and export business.
- To provide facilitation and space for conducting one to one meetings for local and international buyers, sellers, vendors and delegations.
- To provide business information and business development resources for business counseling, networking liaising, management, technology support, ADR support through hiring experts/consultants/professionals.
- To provide space and facilities to the business community for product display, product marketing and exhibitors or any other activity to promote local business.
- To facilitate in increasing exposure of local business community to international business trends and to enhance ability to benchmark with the contemporary product standards, besides general compliance with international trade regulatory regime.
- To provide / facilitate incubation facilities for a new breed of entrepreneurs to establish an independent business.
- To arrange and conduct capacity building programs including training programs/ seminars / workshops for entrepreneurs to build their capacities for starting and managing businesses.

KEY ACTIVITIES AND PROGRESS DURING 2020-21

- 1) GBC Facility outsource**
GBC Hall was outsourced to different organization to conduct their events
- 2) Providing space to SMEs/ Organization of Gujranwala**
Space was provided to different organizations on annual basis
- 3) Covid-19 Centre**
Ground floor of GBC was established as vaccination centre to vaccinate the

Summary Achievements 2020-21

- Approx 150 persons was participated free of cost in the helpdesk/seminars
- Revenue of Rs. 7.74 Million generated from GBC facilities out source/ Seminars/workshops and central services
- Approx 5000 industrialist and general public was vaccinated in

industrialist and general public of Gujranwala

WORKSHOPS/SEMINARS:

- **Income Tax & E-Filing of Income Tax Return**
A helpdesk on Income Tax and E-Filing of Income Tax Return for SMEs was conducted on November 27, 2020 and 15 participants attend this helpdesk.
- **Internal Audit Requirements for SMEs**
A helpdesk on Internal Audit Requirements for SMEs was conducted on November 30, 2020 and 16 participants attend this helpdesk
- **Selling on Amazon**
A workshop on Selling on Amazon was conducted on December 15, 2020 and 17 participants attend this workshop.
- **Upgrade in Light Engineering**
Seminar on Upgrade in Light Engineering was conducted on December 24, 2020 and 30 participants attend this seminar.
- **Customer Relationship Management**
A helpdesk on Customer relationship Management was conducted on December 30, 2020 and 15 participants attend this helpdesk.
- **Digital Marketing**
A helpdesk on Digital Marketing was conducted on January 15, 2021 and 13 participants attend this helpdesk.

Workshop / Seminar Pics



**4.0 PERFORMANCE OF INDUSTRIES AND PRODUCTION Division
BASED ON OUTPUT AND IN COMPARISON TO ACTUAL BUDGET
(FY: 2020-21)**

4.1 BUDGET BASED PERFORMANCE

Budget VS. Actual Analysis

a. Expenditure analysis by outputs

(Amount in Rs)

Output	Office Responsible	Original Budget	Actual Expenditure	Remarks / Reason for Variances
1 Technology improvement and business advisory services	Engineering Development Board (EDB)/ Contribution to UNIDO	511,695,000	495,906,214	<p>The reasons of the variation between Original Budget and actual expenditure are as under: -</p> <ul style="list-style-type: none"> • An amount of Rs.4,000,000/- was allocated through Technical Supplementary Grant in favour of Engineering Development Board (EDB) • An amount of Rs.139,970,000/- was allocated through Technical Supplementary Grant in favour of PSDP project titled "Product Development Center for Composites Based Sports Goods, Sialkot (EDB) • The modified PC-I of the PSDP funded project titled "National Strategic Programme for Acquisition of Industrial Technology (NSPAIT) (Knowledge Economy Initiative)" based on feasibility studies were forwarded to Planning Commission but the same was not approved in FY 2020-21.
2 Training and Skill Development	Asian Productivity Organization/National Productivity Organization (NPO) / Pakistan Institute of Management (PIM) / Pakistan Industrial Technical Assistance Centre (PITAC)	689,897,000	663,872,699	<p>The reasons of variation between Original Budget and Actual Expenditure are as under:-</p> <ul style="list-style-type: none"> • An amount of Rs.1,675,000/- was re-appropriated and Rs.4,000,000/- was allocated through Supplementary Grant in favour of National Productivity Organization. • An amount of Rs.17,097,000/- was allocated through Technical Supplementary Grant in favour of Pakistan Institute of Management (PIM) Karachi. • An amount of Rs.14,855,000/- was allocated through Technical Supplementary Grant in favour of Pakistan Industrial Technical Assistance Centre (PITAC), Lahore.

3	Industrial Infrastructure Development	Industrial Infrastructure Development (IID) Wing of MoIP	150,000,000	71,298,000	<p>The reasons of variation between Original Budget and Actual Expenditure are as under:-</p> <ul style="list-style-type: none"> • The Hiring of design and supervision consultant for the PSDP funded project titled “Establishment of Hub Special Economic Zone, Lasbela” completed in January, 2021 and after detailed review, consultant proposed changes in project design that led to revision of PC-I.
4	Provision of subsidy	USC Section / Regulation Wing I&P Division	9,000,000,000	18,616,752,672	<p>The reasons of variation between Original Budget and Actual Expenditure are as under:-</p> <ul style="list-style-type: none"> • An amount of Rs.8,000,000,000/- was allocated through Technical Supplementary Grant in favour of Subsidies – Utility Stores Corporation. • Rs.1,616,753,000/- was allocated through Technical Supplementary Grant in favour of Production & Supply of Urea Fertilizer (Subsidy to M/s SNGPL.
5	Promotion of Small and Medium Enterprises	Small & Medium Enterprises Development Authority (SMEDA)	456,670,000	473,104,000	<p>The reasons of the variation between Original Budget and actual expenditure are as under: -</p> <ul style="list-style-type: none"> • An amount of Rs.37,423,000/- was allocated through Technical Supplementary Grant in favour of Small and Medium Enterprises Development Authority (SMEDA), Lahore.
6	General Administration Costs	Ministry of Industries and Production / Department of Supplies (Defunct)	323,095,000	371,482,138	<p>The reasons of variation between Original Budget and Actual Expenditure are as under:-</p> <ul style="list-style-type: none"> • An amount of Rs.85,000,000/- was allocated through Technical Supplementary Grant (TSG) in favour of Industries and Production Division under “Law Charges” for Payment of Court Fee and Fee to the Foreign Counsel in case of Dr. Hilal Hussain Al-Tuwariqi and Al-Ittefaq Steel Products Company Limited Vs Islamic Republic of Pakistan. • An amount of Rs.25,928,000/- was surrendered in time. • An amount of Rs.1,675,000/- was re-appropriated in favour of National Productivity Organization from Department of Supplies (Defunct), Islamabad being surplus requirement of the department.
Total:			10,981,507,000	20,692,415,723	

**4.2 OUTPUT BASED PERFORMANCE
PERFORMANCE ANALYSIS BY OUTPUTS**

Output	Indicator	Original Budget	Target Achieved	Remarks / Reason for Variances	
1	Technology improvement and business advisory services Office Responsible: Engineering Development Board (EDB)	Studies upgraded/studies to be carried out of various Engineering Industries (Number of studies)	7	7	All reports drafted and discussed with relevant stakeholders
		Number of preferential Trade Agreements / Free Trade Agreements	6	1 CPFTA-II.	5 ongoing as per Government Policy relates with M/o Commerce
		Tariff Based System (2,3,4 wheelers) and new auto development policy (Certificates issued/list verified/input record verified) (Number of certificates/lists/input records)	1,610	2,049	N/A
		Number of Other SRO Regimes System (DTRE Scheme, 5th Schedule to Customs ACT 1969, SRO)	325	240	Due to Covid-19 Pandemic, fewer cases received and finalized.
		Consultancy to provide to SME's Industries through volunteer Dutch Consultants (Number of Consultants)	8	05	Since, February 2020, there were travel advisories issued by the Dutch Government due to Covid-19 Pandemic. However, a mechanism of Distance Coaching has been worked out which is in trial phase. EDB has processed five cases of the interested companies for the same. Success would depend on how these companies and the new system aligns with each other.
		Custom Tariff Proposals reviewed/finalized (Numbers)	500	570	N/A
		No of initiatives to be lunched	3	3	N/A

2	Training and Skill Development	No. of Govt. / Civil servants and professionals People to be trained	6,650	5,442	Owing to situation of COVID-19, the requisite task could not be fulfilled.
	Office Responsible: Asian Productivity Organization / National Productivity Organization (NPO) / Pakistan Institute of Management (PIM) / Pakistan Industrial Technical Assistance Centre (PITAC)	New Skill training i.e. modern managerial practices, presentation skills etc. to be introduced (number of trainings)	7	23	N/A
		Number of training to be conducted to various Government organizations	362	231	N/A
		Consultancy jobs to be provided (number of jobs)	12	23	N/A
		Number of Engineering Jobs i.e. Production tools, Jigs, Fixtures, Dies & Moulds, will be designed for local industry	1,275	1,588	N/A
		Number of Energy Audits	15	-	Due to Covid-19 Pandemic, the target could not achieved
		Number of Skilled workforces will be produced for the industry through techno managerial training courses	1,545	2,179	N/A
		No. of Technical Personnel trained under Apprenticeship Training Program (For Engineers, DAEs and Technicians) and Internship Training Program (For University / College Students)	40	40	N/A
		No. of Technologists produced under Technical Education Program of Three (03) Year Diploma of Associate Engineer (EAD) in PITAC Collage of Technology (PCT)	485	380	Due to Covid-19 Pandemic, the target could not achieved.
3	Promotion of Small and Medium Enterprises	Number of Business Plans to be developed	35	10	Business Plans are developed for SMEs that request support. COVID-19 and lockdown in the Country caused a slowdown in overall progress.
	Office Responsible: Small & Medium Enterprises Development	Number of direct facilitations to be provided to SME's through established regional helpdesks	8,470	6,440	Due to Covid-19 Pandemic, the targets could not achieved
		Number of Training Programs to be conducted	266	233	
		Number of Pre-feasibility studies to be updated and developed	95	86	

Authority (SMEDA) / Pakistan Gems and Jewellery Developm ent Company (PGJDC)	Number of Cluster Profiles i.e. leather sector, garments sector etc. to be developed	28	26	
	Number of District Economic Profiles to be developed	10	01	
	Investment Facilitation i.e. establishment of projects feasibilities, loan assessment and facilitation	600 Million	399.15 Million	
	Number of Regulatory Procedures to be updated	72	47	
	Number of Awareness Seminars and Workshops to be conducted	14	01	
	Technical Support to Auto Parts Manufacturing Industry of Pakistan for Productivity Improvement (Number of units)	10	15	N/A
	Energy Efficiency/Audits (Number of audits)	15	20	N/A
	Number of CFC/Demonstration Projects to be established	6	5	N/A
	Third Party Facilitation Centers for legal recourse & facilitation (number of centers)	1	1	N/A
	Number of Publications to be developed and published	8	8	N/A
	Number of Special Projects to be undertaken in coordination with International Development Agencies	1	1	N/A
	Number of Documents/business plan/pre-feasibility available on SMEDA's website	625	811	N/A
	SME Facilitated through SMEDA One Window	120	136	N/A
	No of Industrial Stitching Units established (Matching Grants)	25	32	N/A
	Certification Support to Gem Stone and Jewellery through Gem stone and Jewellery certification labs	42000	-	The target was subject to availability of funds. As the Certification Labs of PGJDC are non-operational due to non-availability of funds, no gemstone testing and certification was done. The new PC-1 for funding of subject

					Gem Labs is under consideration in this Division.
		Business Advisory Services to Gems and Jewellery Sector	3000	-	The target was subject to availability of funds. The Business Advisory services were previously provided to the sector through help desks established at the projects. As the projects of PGJDC are non-operational due to non-availability of funds, no business advisory services were provided.