

# Meetings with Chambers of Commerce & Industry and Industry Associations

Preceding the survey, PCST team is visiting various chambers of commerce & industry and industry associations throughout the country to raise awareness about the importance of the innovation survey and to request to cooperate in the successful completion of this landmark survey as well as to discuss the status of innovation and allied issues in the local industry.

## Meetings in Faisalabad (21<sup>st</sup> December 2020 – 24<sup>th</sup> December 2020)

### **Background**

PCST has launched the “First Industrial National Innovation Survey (FINIS)” in the country. This benchmarking innovation survey will be conducted using a comprehensive questionnaire which has been designed to obtain information about the innovation rate, types of innovation activities (product, process, management, marketing), reasons & motivations for carrying out innovation activities, sources of ideas and information for undertaking innovation activities, extent of cooperation and collaboration among firms, relationship between innovation and performance of the firm, diffusion of ICTs across different industrial sectors, industry perspective on government support to innovation and barriers to innovation in different industrial sectors.

Preceding the survey, PCST team is visiting various chambers of commerce & industry, and industry associations throughout the country to raise awareness about the importance of the innovation survey and to request to cooperate in the successful completion of this landmark survey as well as to discuss the status of innovation and allied issues in the local industry.

### **Visit to Faisalabad from 21<sup>st</sup> December 2020 – 24<sup>th</sup> December 2020**

In the context stated above, PCST team visited Faisalabad from 21<sup>st</sup> December 2020 – 24<sup>th</sup> December 2020 to hold meetings with various chambers of commerce & industry, and industry associations based at Faisalabad. The team was comprised following officers:

- i) Dr. Tariq Bashir (Project Director)
- ii) Dr. Muhammad Zahid Kiani (Project Coordinator)
- iii) Dr. Muhammad Kamran (Senior Research Officer)
- iv) Mr. Usama Atta-u-Rehman (Business Development Officer), M/S UHY Hassan Naeem & Co., which has been hired to conduct the survey, also accompanied the PCST team during the meetings.

The team reached Faisalabad on 21<sup>st</sup> December 2020 in the afternoon, and travelled back to Islamabad on 24<sup>th</sup> December 2020. The meetings were held from 22<sup>nd</sup> –23<sup>rd</sup> December 2020. The details of the meetings are given as below:

### **December 22, 2020**

#### **1) Meeting with the Faisalabad Chamber of Commerce & Industry (FCCI)**

The meeting was held at the office of the Faisalabad Chamber of Commerce & Industry (FCCI) at 10:30am. The FWCCI team was comprised of the following:

- i) Mr. Hafiz Ehtisham (President).
- ii) Mr. Malik Abdul Qayyum (Secretary General).
- iii) Dr. Habib Aslam Gaba (Executive Committee Member).
- iv) Mr. Afzal (IT Committee).

PCST team, after introducing themselves, informed about the purpose of their visit. FCCI was informed that the main mandated of PCST is to advise the Federal Government on all matters relating to the development of science and technology in Pakistan, and support the Ministry of Science and Technology in formulation of science, technology and innovation policies. In order to formulate evidence-based policy making, the First Industrial National Innovation Survey (FINIS) has been launched. In the survey, data will be collected from 5000 manufacturing industrial units from throughout the country. It is the first-ever study in the country, before this no such type of study has been conducted at national level. It was informed that the results of the survey would enable PCST to suggest appropriate policy measures to the government to promote and encourage innovation activities in the industry.

Members of the FCCI team introduced themselves, warmly welcomed PCST delegation and appreciated government initiative.

Important points discussed during the meetings are as follow:

- i) Various types of innovation related data to be collected during the present survey from the major manufacture industrial sectors of Pakistan.
- ii) Utilization of the collected data after completion of the FINIS project.
- iii) Low positioning of Pakistan in various international rankings due to lack or absence of data.
- iv) Problem of load-shedding and irregular supply of electricity and gas, inflationary pressures, lack of capital and credit facilities are major hurdles.
- v) Lack of modern technology, technical knowledge and Industrial Research
- vi) Lack of confidence between government and research, academia and industry and lack of R&D in industry.
- vii) Need to develop linkage between industry and academia.
- viii) Student trainings and industry oriented research/ degrees.

- ix) Usefulness of FINIS feedback and meeting with CCI for devising S&T policy for industrial linkages and for industrial innovation policy after identifying major hinders in industrial progress.
- x) Need of enhancing interaction among government, academia, R&D organizations and industry.
- xi) Placement of information about the FINIS project on FCCI official website and cooperation for data collection and filling of questionnaire from industries.
- xii) FCCI assured to issue letters to Chamber representatives and associations for full cooperation regarding FINIS activity.

Meeting ended with the vote of thanks from the both sides.



Figure 1: Meeting with the Faisalabad Chamber of Commerce and Industry

## 2) **Meeting with the Pakistan Standard and Quality Control Authority (PSQCA)**

The meeting was held at the office of the Pakistan Standard and Quality Control Authority (PSQCA), Faisalabad at 01:30pm. Meeting with PSQCA was unscheduled but as PCST came to know that PSQCA office is also in same building, a meeting was arranged with them.

The PSQCA team was comprised of the following:

- i) Mr. Sarfaraz Ahmed (Assistant Director Technical )
- ii) Mr. Javid (Field officer)

PCST team, after introducing themselves, informed about the purpose of their visit. Members of the PSQCA team introduced themselves and warmly welcomed PCST delegation as also being organization of MoST.

Important points discussed during the meetings are as follow:

- i) Purpose of PCST team to visit Chamber of Commerce & Industry and industry association in Faisalabad.
- ii) Role and function of Pakistan Standard and Quality Control Authority (PSQCA), office in Faisalabad is enhancing quality of industrial products.
- iii) Innovative industries working at Faisalabad like MIDAS, Nishat, Interloop etc.
- iv) Need of enhancing interaction among government, academia, R&D organizations and industry.

Meeting ended with the vote of thanks from the both sides.



Figure 2: Meeting with the Pakistan Standard and Quality Control (PSQC) Authority

### 3) **Meeting with the Faisalabad Women Chamber of Commerce & Industry (FWCCI)**

The meeting was held at the office of Faisalabad Women Chamber of Commerce & Industry (FWCCI) at 02:30am. The FWCCI team was comprised of the following:

- i) Mrs. Rubina Amjad (Founder President)
- ii) Mrs. Tehmina Pasha (President)
- iii) Mrs. Shahida Aftab (Senior Vice President)
- iv) Mrs. Rubina Shafiq (Senior Vice President)

v) Mr. Muhammad Din Tahir (Secretary General)

PCST team, after introducing themselves, informed about the purpose of their visit. FWCCI was informed that the main mandated of PCST is to advise the Federal Government on all matters relating to the development of science and technology in Pakistan, and support the Ministry of Science and Technology in formulation of science, technology and innovation policies. In order to formulate evidence-based policy making, the First Industrial National Innovation Survey (FINIS) has been launched. In the survey, data will be collected from 5000 manufacturing industrial units from throughout the country. It is the first-ever study in the country, before this no such type of study has been conducted at national level. It was informed that the results of the survey would enable PCST to suggest appropriate policy measures to the government to promote and encourage innovation activities in the industry.

Members of the FWCCI team introduced themselves and warmly welcomed PCST delegation. The senior vice president FWCCI informed that FWCCI is promoting the cause of women in business belonging to all tiers of society. Through FWCCI, women entrepreneurs have found a forum to voice their concerns regarding business related issues. Women from various industries like pharmaceutical, textile, food, cosmetic, hotel management, handicrafts are working under the umbrella of FWCCI. She further stated that FWCCI has completed three (3) years of establishment.

Important points discussed during the meetings are as follow:

- i) Various types of innovation related data (product, process, management and marketing) to be collected during the present survey from the major industrial sectors of country.
- ii) Utilization of the collected data after completion of the FINIS project.
- iii) Problems for women in the society like lack of information, irregular employment, low wages, social insecurity, no social security benefits, deplorable working condition, and less interaction between government and industries, lack of appreciation, and lack of opportunities for women enterprises working at village level.
- iv) Need for capacity building of women entrepreneurs.
- v) Public-Private partnerships in promoting women entrepreneurs.
- vi) Need of enhancing interaction among government, academia, R&D organizations and women enterprises industry.
- vii) Placement of information about the FINIS project on FWCCI official website.
- viii) Participation of the members of FWCCI in the workshop / seminar that will be organized by PCST in relation with the FINIS activity.

Meeting ended with the vote of thanks from the both sides.





Figure 3: Meeting with the Faisalabad Women Chamber of Commerce and Industry

**December 23, 2020**

**4) Meeting with the All Pakistan Bedsheets & Upholstery Manufacturers Association (APBUMA)**

The meeting was held at the office of the All Pakistan Bedsheets & Upholstery Manufacturers Association (APBUMA) at 2:00pm. The APBUMA team was comprised of the following:

- i) Mr. Bilal Jamal (Senior Vice Chairman).
- ii) Mr. Afzal (Zonal Secretary).
- iii) Capt. R. Farooq (Executive member).
- iv) Mr. Shahzad Ahmed (Executive member).
- v) Mr. Shahzad Hussain (Member Executive Committee).

Members of the APBUMA team introduced themselves and warmly welcomed PCST delegation. Senior Vice Chairman APBUMA informed PCST that APBUMA is an apex trade Association of Pakistan and have strong presence all over the country with its Zonal Offices in Faisalabad, Lahore, Karachi and Head office in Multan. It represents broad spectrum of textile industry from very large groups to very small entities and promotes their interests by providing feedback to policy makers. Being one of the most proactive Associations of country, it has been privileged to host and interact with number of high dignities like Federal Ministers & Secretaries of Finance, Commerce, Textile, Industries, advisor to Prime Minister, Governor State Bank, foreign Ambassadors and many others. He informed that SME's are playing very

important role in export and employment creation in the country. At presently, SME'S are generating revenue of 4 Billion Rupees and if government supports us we can achieve a target of 8 Billion rupees.

PCST team, after introducing themselves, informed about the purpose of their visit. APBUMA was informed that the main mandated of PCST is to advise the Federal Government on all matters relating to the development of science and technology in Pakistan, and support the Ministry of Science and Technology in formulation of science, technology and innovation policies. In order to formulate evidence-based policy making, the First Industrial National Innovation Survey (FINIS) has been launched. In the survey, data will be collected from 5000 manufacturing industrial units from throughout the country. It is the first-ever study in the country, before this no such type of study has been conducted at national level. It was informed that the results of the survey would enable PCST to suggest appropriate policy measures to the government to promote and encourage innovation activities in the industry.

Important points discussed during the meetings are as follow:

- i) Various types of innovation-related data to be collected during the present survey and from major manufacture industrial sectors of the country.
- ii) About utilization of the collected data after completion of the FINIS project.
- iii) Lack of proper infra-structure in Small & Medium Enterprises.
- iv) Problem in implementation of tax-rebate policy for Small & Medium Enterprises in case of exports.
- v) Regulatory complexities – relaxation in prudential rules and easy access to loan.
- vi) Shortage of skilled manpower, quality control problems.
- vii) Lack of entrepreneurial expertise in graduates, shortage / irregular availability of financing facilities.
- viii) Shortage of equity sources, difficulties in meeting credit criteria / credit conditions, lengthy documentation procedure, tax burdens, etc.
- ix) Shortage of energy.
- x) Placement of information about the FINIS project on APBUMA official website for creating awareness among industrial.
- xi) Participation of the members of APBUMA in the workshop / seminar, which will be organized by PCST in relation with the FINIS activity.
- xii) Public-Private partnerships in promoting Small & Medium Enterprises.
- xiii) Need of enhancing interaction among government, academia, R&D organizations and Small & Medium Enterprises.
- xiv) Government support for innovation in the industry, particularly by the Small & Medium Enterprises, possibilities of 100% tax free policy for Small & Medium Enterprises and participation with government for policy making process, lack of R&D in SME and industry oriented research in universities.

xv) APBUMA assurance full cooperation for FINIS.  
Meeting ended with the vote of thanks from the both sides.



Figure 4: Meeting with the All Pakistan Bedsheets & Upholstery Manufacturers Association



## Meetings in Lahore (27<sup>th</sup> December 2020 – 1<sup>st</sup> January 2021)

### **Background**

PCST has launched the “First Industrial National Innovation Survey (FINIS)” in the country. This benchmarking innovation survey will be conducted using a comprehensive questionnaire which has been designed to obtain information about the innovation rate, types of innovation activities (product, process, management, marketing), reasons & motivations for carrying out innovation activities, sources of ideas and information for undertaking innovation activities, extent of cooperation and collaboration among firms, relationship between innovation and performance of the firm, diffusion of ICTs across different industrial sectors, industry perspective on government support to innovation and barriers to innovation in different industrial sectors.

Preceding the survey, PCST team is visiting various chambers of commerce & industry, and industry associations throughout the country to raise awareness about the importance of the innovation survey and to request to cooperate in the successful completion of this landmark survey as well as to discuss the status of innovation and allied issues in the local industry.

### **Visit to Lahore from 27<sup>th</sup> December 2020 to 1<sup>st</sup> January 2021**

In the context stated above, PCST team visited Lahore from 27<sup>th</sup> December 2020–1<sup>st</sup> January 2021 to hold meetings with various chambers of commerce & industry, and industry associations based at Lahore. The team was comprised following officers:

- v) Dr. Tariq Bashir (Project Director)
- vi) Dr. Muhammad Zahid Kiani (Project Coordinator)
- vii) Dr. Muhammad Kamran (Senior Research Officer)
- viii) Mr. Usama Atta-u-Rehman (Business Development Officer), M/S UHY Hassan Naeem & Co., which has been hired to conduct the survey, also accompanied the PCST team during the meetings.

The team reached Lahore on 27<sup>th</sup> December 2020 in the afternoon, and travelled back to Islamabad on 1<sup>st</sup> January 2021. The meetings were held from 28<sup>th</sup> – 31<sup>st</sup> December 2020. The details of the meetings are given as below:

### **December 28, 2020**

#### **1) Meeting with the M/S UHY Hassan Naeem & Co., Chartered Accountant**

The meeting was held at the office of the M/S UHY Hassan Naeem & Co., Chartered Accountant, which has been hired to conduct the survey, at 10:00am. The M/S UHY Hassan Naeem & Co., Chartered Accountant team was comprised of the following:

- i) Dr. Ibn-e-Hassan
- ii) Mr. Muhammad Qasir

iii) Mr. Usama Atta-u-Rehman

Important points discussed during the meetings are as follow:

- i) Progress about Inception report for FINIS.
- ii) Effort being made to complete the sampling frame on the basis of total number of industrial units including small, medium and large units.
- iii) Collection of lists of firms from the Chamber of Commerce and Industry and the Pakistan Bureau of Statistics.
- iv) Ministry of Industries and Production as a valid source of information regarding total number of industries present in Pakistan.
- v) Data Collection approach in industries and provinces.
- vi) Issue of Inception report timeline and need to speed up efforts to make this project successful.
- vii) M/S UHY Hassan Naeem & Co., Chartered Accountant, assured to speed up the project activities for making it successful.

Meeting ended with the vote of thanks from the both sides

## 2) **Meeting with the Lahore Chamber of Commerce & Industry (LCCI)**

The meeting was held at the office of the Lahore Chamber of Commerce & Industry (LCCI) at 03:00pm. The LCCI team was comprised of the following:

- i) Mr. Tahir Manzoor (Vice President)
- ii) Mr. Asif Sahir (Executive Committee Member)
- iii) Mian Nawaz (Farmer Executive Committee Member)
- iv) Ch. Arshad (Representative business community)
- v) Mr. Kamran Saeed (Deputy Director)

Members of the LCCI team introduced themselves and warmly welcomed PCST delegation and appreciated government initiative.

PCST team, after introducing themselves, informed about the purpose of its visit. LCCI was informed that the main mandate of PCST is to advise the Federal Government on all matters relating to the development of science and technology in Pakistan, and support the Ministry of Science and Technology in formulation of science, technology and innovation policies. In order to formulate evidence-based policy making, the First Industrial National Innovation Survey (FINIS) has been launched. In the survey, data will be collected from 5000 manufacturing industrial units from throughout the country. It is the first-ever study in the country, before this no such type of study has been conducted at national level. It was informed that the results of the survey would enable PCST to suggest appropriate policy measures to the government to promote and encourage innovation activities in the industry.

Important points discussed during the meeting are as follow:

- i) Low positioning of Pakistan in various international rankings due to lack or absence of data.
- ii) Main manufacturing industries, including automotive, textile, sugar, leather, pharmaceutical & chemicals, electronics, food & beverages, paper & board, iron & steel, of Pakistan for data collection in this survey.
- iii) Registered members with LCCI are about 28000 units out of which 1000 are women entrepreneurs.
- iv) Problem of load-shedding and irregular supply of electricity and gas, inflationary pressures, lack of capital and credit facilities are major hurdles.
- v) Lack of modern technology, technical knowledge and industrial research.
- vi) Political instability, lack of proper planning, heavy taxes etc are also responsible for the lagging behind of manufacturing sector.
- vii) Food authority unfair inspection system and imposing huge fine.
- viii) No ease of doing business.
- ix) Import duty on raw material need to be zero rated.
- x) FINIS feedback will be used in the S&T policy for industrial Linkages and for devising an industrial innovation policy after identifying major hinders in industrial progress.
- xi) Need of enhancing interaction among government, academia, R&D organizations and pharmaceutical industry.
- xii) Placement of information about the FINIS project on LCCI official website and cooperation for enhancing response from industry about data collection and filling up of questionnaire.
- xiii) LCCI assured full cooperation for FINIS.

Meeting ended with the vote of thanks from the both sides.



Figure 1: Meeting with the Lahore Chamber of Commerce and Industry

**December 29, 2020**

**3) Meeting with the Lahore Women Chamber of Commerce & Industry (LWCCI)**

The meeting was held at the office of the Lahore Women Chamber of Commerce & Industry (LWCCI) at 10:00am. The LWCCI team was comprised of the following:

- vi) Ms. Rukhsana Zafar (President, LWCCI)
- vii) Dr. Shehla Javaid Akram (Founder President, LWCCI)

Members of the LWCCI team introduced themselves and warmly welcomed PCST delegation. The president LWCCI informed that there are around 4000 members of the LWCCI representing small, medium and large units from different industries like pharmaceutical, textile, food, cosmetic, hotel management, handicrafts etc. She further stated that LWCCI is promoting the cause of women in business belonging to all tiers of society. Through LWCCI, women entrepreneurs have found a forum to voice their concerns regarding business related issues.

PCST team, after introducing themselves, informed about the purpose of their visit. LWCCI was informed that the main mandated of PCST is to advise the Federal Government on all matters relating to the development of science and technology in Pakistan, and support the Ministry of Science and Technology in formulation of science, technology and innovation policies. In order to formulate evidence-based policy making, the First Industrial National Innovation Survey (FINIS) has been launched. In the survey, data will be collected from 5000 manufacturing industrial units from throughout the country. It is the first-ever study in the country, before this no such type of study has been conducted at national level. It was informed that the results of the survey would enable PCST to suggest appropriate policy measures to the government to promote and encourage innovation activities in the industry.

Important points discussed by the members of delegations during the meetings are as follow:

- ix) Low positioning of Pakistan in various international rankings due to lack or absence of data.
- x) Data regarding innovation from major industrial sectors of Pakistan to be collected in the present survey.
- xi) Utilization of the collected data after completion of the FINIS project.
- xii) Problems of pharmaceutical industry especially lack of policies / regulations for waste disposal.
- xiii) Absence of framework / policies / regulations for registration of health sector innovations.
- xiv) Lack of bioequivalence and bioavailability laborites in Pakistan, and related issues being faced by the pharmaceutical companies.
- xv) Placement of information about the FINIS project on LWCCI official website.
- xvi) Participation of the members of LWCCI in the workshop / seminar, which will be organized by PCST in relation with the FINIS activity.
- xvii) Public-private partnerships in promoting women entrepreneurs.
- xviii) Need of capacity building of women entrepreneurs.
- xix) Need of enhancing interaction among government, academia, R&D organizations and pharmaceutical industry
- xx) Government support for innovation, particularly by the youth and women

Meeting ended with the vote of thanks from the both sides.





Figure 2: Meeting with the Lahore Women Chamber of Commerce and Industry

**4) Meeting with the Pak-China Joint Chamber of Commerce and Industry (PCJCCI)**

The meeting was held at the office of the Pak-China Joint Chamber of Commerce and Industry (PCJCCI) at 2:00pm.

i) Mr. Salahuddin Hanif (Secretary General PCJCCI)

Secretary General PCJCCI welcomed PCST delegation and introduced himself and about role and objectives of PCJCCI. He elaborated objective of PCJCCI is to promote trade, investment & mutually beneficial commercial ventures between China & Pakistan and to take support measures calculated to benefit & protect the interests of both the business communities of Pakistan & China. PCJCCI also help the government in highlighting critical national issues in their right perspective to play significant role in developing policy framework for business environment and economic growth.

PCST team, after introducing themselves, informed about the purpose of its visit. PCJCCI was informed that the main mandated of PCST is to advise the Federal Government on all matters relating to the development of science and technology in Pakistan, and support Ministry of Science and Technology in formulation of science, technology and innovation policies. In order to formulate evidence-based policy making, the First Industrial National Innovation Survey (FINIS) has been launched. In the survey, data will be collected from 5000 manufacturing industrial units from throughout the country. It is the first-ever study in the country, before this no such type of study has been conducted at national level. He was

informed that the survey results would enable PCST to suggest appropriate policy measures to the government to promote and encourage innovation activities in the industry.

Important points discussed during the meetings are as follow:

- i) Secretary General appreciated PCST's effort for national cause and acknowledged that innovation is only way forwarded for industry to compete in the open market. He ensured full cooperation in all matters and at all stages to make FINIS successful.
- ii) Dissemination of FINIS information to all PCJCCI registered members and sharing of contact directory of members.
- iii) Participation and cooperation in awareness workshop / seminar about FINIS.
- iv) China-Pakistan Economic Corridor (CPEC) pace, impact, fear and future survival of Pakistan's industry after the accomplishment of CPEC.
- v) Opportunities of Pakistan-China co-operation in the context that China has vast capital, latest technology and vast market; on the other hand Pakistan has a cheap labor, geographical location and friendly environment.
- vi) Shortage and high cost of electricity for industry.
- vii) Government support and measures to find energy alternatives with minimum cost of production.
- viii) Establishment of state of the art universities in Pakistan for innovative research.
- ix) Need of enhancing interaction among government, academia, R&D organizations in the case of pharmaceutical industry.
- x) Placement of information about the FINIS project on PCJCCI official website and cooperation for data collection and filling of questionnaire.
- xi) Web portal, being developed by PCJCCI, which contains CPEC detail, taxation laws, and industry registration procedure, etc.
- xii) Importance of public-private partnership for industry transformation.
- xiii) Government involvement to motivate industrialists to adopt new and advanced technologies and take steps to promote R&D culture in the industry.

Meeting ended with the vote of thanks from both sides.



Figure 3: Meeting with the Pak-China Joint Chamber of Commerce and Industry

### **December 30, 2020**

#### **5) Meeting with the Pakistan Cosmetics Manufacturing Association PCMA**

The meeting was held at the office of the Pakistan Cosmetics Manufacturing Association (PCMA) at 10:00am.

i) Mr. Muzaffar Badar (Voice President PCMA)

Vice President of PCMA welcomed PCST delegate and briefed about PCMA. He informed that PCMA is facilitating its members by providing latest information on the developments in chemical industry all over worlds. PCMA is also introducing best practices in the industries by organizing regular events e.g. seminars, workshops, trainings, exposure visits etc.

PCST team, after introducing themselves, informed about the purpose of their visit. PCMA was informed that the main mandated of PCST is to advise the Federal Government on all matters relating to the development of science and technology in Pakistan, and support the Ministry of Science and Technology for formulation of policies regarding science, technology and innovation. In order to formulate evidence-based policy making, the First Industrial National Innovation Survey (FINIS) has been launched. In the survey, data will be collected from 5000 manufacturing industrial units from throughout the country. It is the first-ever study in the country, before this no such type of study has been conducted at national level. It was informed that the results of the survey would enable PCST to suggest appropriate policy measures to the government to promote and encourage innovation activities in the industry.

Important points discussed during the meetings are as follow:

- i) Various types of innovation-related data to be collected during the present survey from major manufacture sectors.

- ii) Utilization of the collected data after completion of the FINIS project and feedback sharing with PCMA.
- iii) Government's initiatives for promoting industrial linkage.
- iv) Registered members of PCMA are only 200, because PCMA is a new and an emerging industry in Pakistan.
- v) Lack of documented and recorded data about PCMA.
- vi) Industry-industry, government-industry and academia-research-industry linkages for problem oriented research.
- vii) Heavy duties on raw material (palm oil, waxes, jelly, etc.) imports in cosmetic industry.
- viii) Cosmetic share of national and multinational companies in Pakistani market is 60-70% and 40-30%, respectively.
- ix) Development of organic products and their price and certification by PCMA.
- x) PCMA efforts for Cosmetic industry progress in Pakistan.
- xi) Placement of information about the FINIS project on PCMA official website.
- xii) Participation of the members of PCMA in the workshop / seminar, to be organized by PCST in relation with the FINIS activity.

Meeting ended with the vote of thanks from both sides.



Figure 4: Meeting with the Pakistan Cosmetics Manufacturing Association

6) **Meeting with the Pakistan Association of Automotive Parts and Accessories Manufacturers (PAAPAM)**

The meeting was held at the office of the Pakistan Association of Automotive Parts and Accessories Manufacturers at 02:00pm. The PAAPAM team was comprised of the following:

- i) Mr. AbdurRazzak Gohar (Sr. Vice Chairman)
- ii) Mr. Umair Naseem (Project Engineer)
- iii) Mr. Mr. Shahab Saleem (Managing Committee Member)

PCST team, after introducing themselves, informed about the purpose of their visit. PAAPAM was informed that the main mandated of PCST is to advise the Federal Government on all matters relating to the development of science and technology in Pakistan, and support the Ministry of Science and Technology in formulation of science, technology and innovation policies. In order to formulate evidence-based policy making, the First Industrial National Innovation Survey (FINIS) has been launched. In the survey, data will be collected from 5000 manufacturing industrial units from throughout the country. It is the first-ever study in the country, before this no such type of study has been conducted at national level. It was informed that the results of the survey would enable PCST to suggest appropriate policy measures to the government to promote and encourage innovation activities in the industry.

PAAPAM team appreciated the government effort and informed PCST that automobile industry has always been the backbone of Pakistan's economy. The automobile industry is unique as it encompasses practically all available engineering technologies. Glass working, EDM, machining, molding, textile, plastics and many other technologies are used to produce the finished automobile, using all sorts of materials, from metals to rubbers, and from fibers to plastics.

Important points discussed during the meetings are as follow:

- i) Various types of innovation-related data to be collected during the present survey from major manufacture industrial sectors.
- ii) Utilization of the collected data after completion of the FINIS project.
- iii) Division of Automotive industry into North (Punjab region) and South (Karachi/Hyderabad) zones on the basis of manufacturing and assembling.
- iv) Lack of academia- industry linkages and role of universities in enhancing quality of products in industry.
- v) Lack of faculty interest in industry, old curriculum, old labs and infrastructure in universities.
- vi) Lack of industry problem related research in universities.
- vii) Lack of policy and collaboration mechanism for academia-industry interaction.
- viii) Need of enhancing interaction among government, academia, R&D organizations and automotive industry.
- ix) Government support for innovation, particularly by the university researchers/students,
- x) Reduction of custom/ import duty on purchased equipments for industrial R&D.



- x) Compiling of accurate and factual industrial data for making database of manufacturing industry.
- xii) Request for placement of information about the FINIS project on PAAPAM official website and cooperation for data collection and filling of questionnaire.

Meeting ended with the vote of thanks from the both sides.



Figure 5: Meeting with the Pakistan Association of Automotive Parts and Accessories Manufacturers

### **December 31, 2020**

#### **7) Meeting with the Pakistan Footwear Manufacturing Association (PFMA)**

The meeting was held at the office of the Pakistan Footwear Manufacturing Association (PFMA) at 10:00am. Chairman PFMA attended meeting via Zoom. The PFMA team was comprised of the following:

- i) Mr. Imran Malik (Chairman, PFMA & MD, BATA)
- ii) Lt. Col. Ahmad Fawad (R) (Secretary General)

PCST team, after introducing themselves, informed about the purpose of their visit. PFMA was informed that the main mandated of PCST is to advise the Federal Government on all matters relating to the development of science and technology in Pakistan, and support the Ministry of Science and Technology in formulation of science, technology and innovation policies. In order to formulate evidence-based policy making, the First Industrial National Innovation Survey (FINIS) has been launched. In the survey, data will be collected from 5000 manufacturing industrial units from throughout the country. It is the first-ever study in the country, before this no such type of study has been conducted at national level. It was informed

that the results of the survey would enable PCST to suggest appropriate policy measures to the government to promote and encourage innovation activities in the industry.

PFMA team welcomed and appreciated the government good gesture for reaching out the industry at their door step by carrying out the survey.

Important points discussed during the meetings are as follow:

- i) Low positioning of Pakistan in various international rankings due to lack or absence of data.
- ii) Various types of innovation-related data to be collected during the present survey from major manufacture industrial sector.
- iii) Utilization of the collected data after completion of the FINIS project.
- iv) Pakistan's position (7<sup>th</sup>) in shoes exporting in the world.
- v) Punjab is the major contributor in shoes making sector and only 80% of the manufacturing unit's exits in Lahore.
- vi) Annual growth of this sector is 2.8% with 18 million exports in European countries as Germany, UK, Italy, and America.
- vii) Placement of information about the FINIS project on PFMA official website.
- viii) Need of enhancing interaction among government, academia, R&D organizations and shoe manufacturing industry.
- ix) Heavy tax duty on raw material import especially shoe moulds.
- x) Lack of latest technology and institutions for R&D in this sector.
- xi) Tex credit facilities, export substitutions/export-oriented industrialization.
- xii) PCST team visited Italy-Pakistan footwear Technological research centre established at PFMA.

Meeting ended with the vote of thanks from both sides.



Figure 6: Meeting with the Pakistan Footwear Manufacturing Association

**8) Meeting with the Pakistan Chemical Manufacturing Association (PCMA)**

The meeting was held at the office of the SRC Pvt. Limited Pakistan at 02:00pm. The SRC team was comprised of the following:

- i) Dr. Muhammad Naveed (Senior Manager, R&D)
- ii) Dr. Rashid Saleem (Senior Manager, R&D)

Members of the SRC team introduced themselves and warmly welcomed PCST delegation. SRC informed that they have extensive portfolio of over 350 products of Leather, Shoe, Textile, Adhesive, Water Treatment and Fruit Preservation. SRC focused on delivering innovative and technology based solutions not only in Pakistan but also around the world.

PCST team, after introducing themselves, informed about the purpose of their visit. SRC was informed that the main mandated of PCST is to advise the Federal Government on all matters relating to the development of science and technology in Pakistan, and support the Ministry of Science and Technology in formulation of science, technology and innovation policies. In order to formulate evidence-based policy making, the First Industrial National Innovation Survey (FINIS) has been launched. In the survey, data will be collected from 5000 manufacturing industrial units from throughout the country. It is the first-ever study in the country, before this no such type of study has been conducted at national level. It was informed that the results of the survey would enable PCST to suggest appropriate policy measures to the government to promote and encourage innovation activities in the industry.

Important points discussed during the meetings are as follow:

- i) Various types of innovation related data (products, process, management and marketing) to be collected during the present survey from the major industrial sectors of Pakistan.
- ii) Utilization of the collected data after completion of the FINIS project.
- iii) R&D lab at SRC running by fully trained PhD and M.Phil researchers with total Rs. 20 Million annual budget, equally spent on human resource and research.
- iv) Number of registered members with PCMA.
- v) Raw material duty and high cost of production in chemical industry.
- vi) Lack of policies and technology transfer mechanism.
- vii) Importance of visits of students and faculty to relevant industry for collaborative work of mutual interest.
- viii) Internship program for university researchers/students.
- ix) Need of enhancing interaction and confidence building among government, academia, R&D organizations and chemical industry.
- x) Request for placement of information about the FINIS project on PCMA official website for awareness among industrialist and to increase response for data collection from industries (PCST).

Meeting ended with the vote of thanks from the both sides.



Figure 7: Meeting with the Pakistan Chemical Manufacturing Association at SRC