



EDITOR'S NOTE:

Greetings and a warm welcome to the readers of PGJDC's newsletter. We are pleased to present the 11th edition of PGJDC's newsletter. In this issue we have covered events that took place at PGJDC during the period July to December, 2016 including exhibitions, Gem Bazaars, meetings with dignitaries, Seminars training programs and visits of international and local delegates to PGJDC Head Office and its projects.

Additionally, an informative article about the Gemstone "Peridot" is also part of this edition.

We would like to welcome and appreciate your support in the development of Gems and Jewellery sector of Pakistan and feel proud to have you as a valuable reader of PGJDC's Newsletter!

Hope you will find this newsletter informative and interesting as ever before.

DUBAI INTERNATIONAL JEWELLERY WEEK:

Dubai International Jewellery Week 2016 was held at Dubai World Trade Centre on 7th -10th December 2016. This event is organized each year at Dubai World Trade Centre and is considered as home to the most renowned jewellery companies and designers from all across the globe showcasing their finest work. Around 250 companies from 25 countries exhibited their most versatile gems and jewellery products during this four day event. Various jewellery designs were exhibited during the show by gems and jewellery enterprises belonging to China, India, Thailand, Germany, Lebanon, Korea, Pakistan, Bangladesh, Sri Lanka, UK, USA, UAE and Turkey.

Pakistan Gems and Jewellery Development Company (PGJDC) set up an exquisite Pakistan Pavilion at the Dubai International Jewellery Week 2016 under the brand name



Gems And Jewellery Enterprises from different cities of Pakistan including; Karachi, Islamabad and Quetta exhibited their products during the show through the platform of PGJDC and availed this opportunity to promote their products in front of a discerning audience of international visitors. The Pakistani exhibitors remained engaged in B2B and B2C business deals with the visitors leading towards million of rupees spot sale and export orders.

The Pakistan pavilion was visited by the Pakistan's Ambassador to UAE which increased the profile of the Pavilion. His Excellency was accompanied by the Commercial and Press Consuls of Pakistan in Dubai and other representatives from Pakistan Embassy. The Ambassador praised the Company's efforts for highlighting the true potential of Gems And Jewellery Pakistan internationally and urged the Company's management to participate in similar exhibitions around the world in order to grab its due share in international markets.

A number of meetings were held by the Chairman & Chief Executive Officer PGJDC with representatives of Gems and Jewellery Associations of different countries including India, China, Sri Lanka, Thailand, Turkey, Korea, UAE and Italy to discuss different avenues of cooperation and to develop trade relationships. The upcoming Pakistan International Gems And Jewellery Exhibition (PIGJE) which is scheduled to be held at Lahore in April 2017 was also promoted during the show.

Facilitation of Pakistani Gems and Jewellery enterprises in DIJW 2016 under the brand name



proved to be beneficial for the sector for establishing business linkages culminating into rise in exports.

GEM BAZAARS:

GEM BAZAAR - GILGT:

Pakistan Gems and Jewellery Development Company organized a Gem Bazaar at Hotel Rupal Inn Gilgit on November 12th - 13th, 2016 during which 30 exhibitors from all districts of Gilgit-Baltistan and Chitral displayed their Gemstone products and mineral specimens in front of a wide range of visitors.

Mr. Muhammad Shafiq Honorable Minister for Mines and Minerals, Industries, Labour & Commerce and Food most gracefully inaugurated the event.

GEM BAZAAR - PESHAWAR:

Pakistan Gems and Jewellery Development Company organized the 17th Gem Bazaar at Nishtar Hall Peshawar on 5th - 6th November, 2016 during which 35 exhibitors participated and displayed their products.

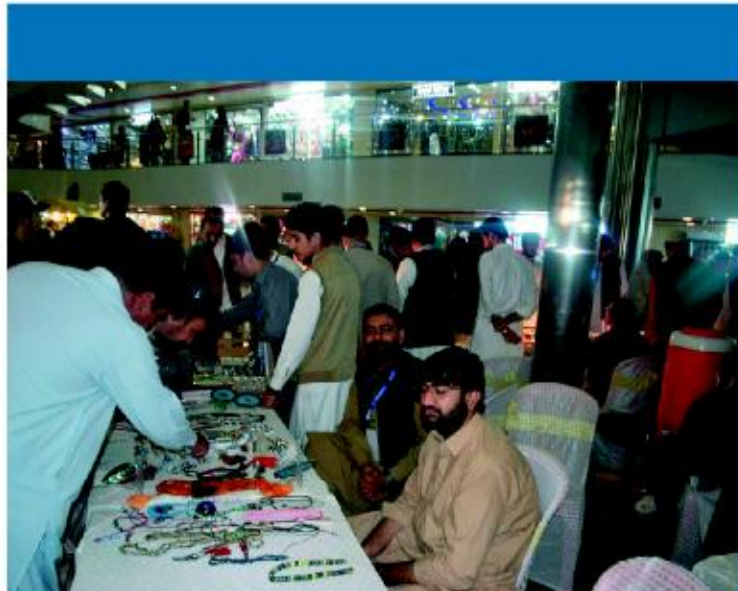
Mr. Muhammad Afzal Khan, President Sarhad Chamber of Commerce and Industries Peshawar inaugurated the event and visited various stalls and showed interest in product displayed. He appreciated the efforts of PGJDC to uplift the Gems and Jewellery sector of Pakistan especially in Khyber Pakhtunkhwa.

Mr. Atif Rasheed, Director PGJDC Board, Mr. Ehtisham - Ullah, Director Gems and Jewellery Centre of Excellence University of Engineering & Technology Peshawar (UET), Chairman APCEA along with APCEA delegation and other stakeholders visited the event.

GEM BAZAAR-QUETTA:

Pakistan Gems and Jewellery Development Company organized the 13th Gem Bazaar at Millennium Mall Quetta on 23rd - 24th October, 2016.

The Gem bazaar was inaugurated by Mrs. Samina Khan Marwat Member Provincial Assembly, Balochistan. Gem Bazaar was held at Millennium Mall in order to attract more buyers including women and this provided a good opportunity to local gemstone dealers to showcase their products to the general public. Mrs. Yasmeen Lehri, Member Provincial Assembly Balochistan also visited Gem Bazaar Quetta whereas certificates were distributed among exhibitors by Ms. Raheela Hameed Khan Durrani Honorable speaker Balochistan Assembly.



Glimpses of Gem Bazaars:



CERTIFICATE DISTRIBUTION CEREMONIES

PESHAWAR:

A Certificate Distribution Ceremony was organized at Archives and Library Hall Peshawar on 22nd September, 2016. Miss Anisa Zeb Tahir Kheli, the Provincial Minister for Mineral Development and Labour Department Govt. of Khyber Pakhtunkhwa was the Chief Guest at the event.

During the ceremony certificates were awarded to the students who had successfully completed training in different disciplines of gems and jewellery from GJTMC Peshawar either through regular training programmes or in collaboration with different partner organizations including FATA-DA and NAVTTC.

Mr. Bakhtiar Khan Chief Executive Officer, PGJDC welcomed all the guests and shed light on the activities of the Company in the province of Khyber Pakhtunkhwa especially in Peshawar, which have led towards the development of gems and jewellery sector of the province.

The Honorable Chief Guest appreciated the efforts of the Company for the development of the sector. She ensured her full support for the Company's endeavors and stated that she will visit the training centre Peshawar to explore the possibilities of collaboration between Mines and Mineral Department Khyber Pakhtunkhwa and PGJDC for the betterment of the sector.

Mr. Abdul Razzak Chairman PGJDC Board , Mr. Atif Rasheed Khawaja, Member Board of Directors PGJDC Representative of FATA DA and SMEDA Peshawar, prominent stakeholders including Chairman All Pakistan Commercial Exporters Association (APCEA) Peshawar, Representative of other Associations and Chamber of Commerce and Industry and Members of Gems and Jewellery Community along with the students of GJTMC Peshawar were present during the Ceremony.



QUETTA:

Another Certificate Distribution Ceremony was organized at Officers Club Quetta on 26th July, 2016 to award certificates to the passed out students of the training programs held at GJTMC Quetta in collaboration with NAVTTC. In addition, certificates were also awarded to the students of regular training programs organized by GJTMC Quetta. Honorable speaker Balochistan Assembly Ms. Raheela Hameed Khan Durrani was the Chief Guest at the Ceremony.

While speaking during the event, the Chairman and Chief Executive Officer of the Company highlighted the activities of the company especially in Quetta and Balochistan as a whole. They said that it was due to the concerted efforts of the company that the local sector is enlightened about latest trends and techniques adopted for gems and jewellery product development prevailing in the modern world today.

Ms. Raheela Hameed Khan Durrani appreciated the efforts of the company geared towards the development and uplift of the sector in Balochistan and the Country as a whole. She emphasized that the company should continue its efforts for the development of the sector so that this sector could play its due role in improving the economic condition of the country. She urged the private sector stakeholders to get state-of-the-art training on modern machinery and equipment under the supervision of well qualified instructors of GJTMC Quetta. She also ensured her complete support to the company in all its future endeavors.



PARTICIPATION IN PAKISTAN ITALIA INVESTMENT & TRADE SHOW ORGANIZED BY BOARD OF INVESTMENT

Gems & Jewellery Training and Manufacturing Centre Peshawar participated in Pakistan Italia Investment & Trade Show organized by Board of Investment Govt. of Pakistan at Serena Hotel Islamabad on 5th & 6th December, 2016.

A trade delegation including prominent gems and jewellery stakeholders from Italy visited the show and discussed possibilities of collaboration for increasing bilateral trade between the two countries. During the show, a stall was also setup by the gems and jewellery stakeholders from Pakistan and displayed their products.



MEETINGS:

PGJDC BOARD MEETING:

The 26th meeting of Gems and Jewellery Development Company Board was held at the Company's Head Office in Karachi, on 29th September, 2016. The meetings of HR and nomination committee, Assaying & Hallmarking committee and Finance and Audit Committee were also held on the same day. The activities and future plans of the company were deliberated upon by the Board Members and decisions were taken for implementation by the company.



ANNUAL GENERAL MEETING:

The 10th Annual General Meeting of Pakistan Gems and Jewellery Development Company was held at PGJDC Head office on 28th October, 2016.

During the meeting the annual report, director's report and audited accounts of the company for the year ended 30th June, 2016 were approved. Furthermore, the appointment of statutory auditors for the year 2016-17 was also made during the meeting.

MEETING WITH PAKISTANI AMBASSADOR TO NETHERLANDS:

A meeting was held between the Ambassador of Pakistan to Netherland and Chief Executive Officer Pakistan Gems and Jewellery Development Company (PGJDC) at the Company's Head Office on 20th July, 2016.

During the meeting, CEO PGJDC apprised her excellency about the Gems and Jewellery Profile of the country and initiatives the company has undertaken for the development of this sector both inland and abroad. The achievements of the company were also explained to the honorable guest. Gems and Jewellery sector of Pakistan was discussed in detail for promotion of Pakistani Gems and Jewellery products in Netherlands. General Manager Training / R&D, Mr. Khalid Aziz also attended the meeting.

Number of suggestions were put forth during the meeting to promote Pakistani gems and jewellery products in Netherland and it was emphasized that gems and jewellery sector of Pakistan should get its due share in the gems and jewellery market of Netherland.



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**PAKISTAN GEMS AND JEWELLERY
DEVELOPMENT COMPANY**



A Subsidiary of Pakistan Industrial Development Corporation,
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Ministry of Industries and Production, Government of Pakistan.

VISITS:

DIRECTOR OF BUSINESS INCUBATION CENTER UNIVERSITY OF AZAD JAMMU & KASHMIR VISITED GJTMC MUZAFFARABAD AJK:

Mr. Mohsin Pervaiz Bandy Director of Business Incubation Center University of Azad Jammu & Kashmir visited Gems & Jewellery Training & Processing Centre Muzaffarabad AJK on 8th November 2016.

He has shown keen interest in the facility and the training offered in different fields of gems and jewellery.

EXECUTIVE DIRECTOR NAVTTC VISITED GJTMC-GILGIT:

Mr. Zulfiqar Ahmed Cheema Executive Director NAVTTC, visited GJTMC-Gilgit on August 02, 2016 to examine the quality of training and status of facilities being provided to the trainees at Gems and Jewellery Training and Manufacturing Center-Gilgit. Director General NAVTTC and Director NAVTTC Regional Office Islamabad also accompanied him during the visit.

The visitors appreciated the training facilities being offered at the centre and emphasized for future collaboration between NAVTTC and PGJDC for organizing more trainings programmes in the field of Gems and jewellery.



CHAIRMAN & VICE CHAIRMAN, GILGIT BALTISTAN MINERALS, METALS AND GEMSTONES ASSOCIATION VISITED GJTMC GILGIT:

Syed Zulfiqar Hussain Shah, Chairman Gilgit-Baltistan Minerals, Metals and Gemstones Association along with Mr. Murtaza Vice Chairman visited GJTMC Gilgit on November 21st, 2016 along with officials of Gilgit-Baltistan Council and discussed various opportunities of mutual cooperation.



CHIEF EXECUTIVE OFFICER MR. IQBAL TABISH PAKISTAN INDUSTRIAL DEVELOPMENT CORPORATION VISITED GJTMC LAHORE:

Chief Executive Officer Mr. Iqbal Tabish PIDC along with Mr. Javed Iqbal GM PIDC Lahore visited Gems & Jewellery Training and Manufacturing Centre Lahore on 2nd September, 2016. In addition to GJTMC they also visited Assaying and Hall Marking Center and were briefed about the background, importance and activities of GJTMC



and Assaying and Hall marking center. CEO PIDC appreciated the facilities provided at both the centres and advised to further increase its outreach to different Gems and Jewellery clusters in Lahore and other major cities of Punjab.

VISIT OF NAVTTC DEPUTY DIRECTOR TO GJTMC SARGODHA:

The Deputy Director NAVTTC visited Gems & Jewellery Training and Manufacturing Centre Sargodha along with his colleagues. During the visit he was briefed about the training programs



being conducted at GJTMC Sargodha. He also visited the class rooms, labs and appreciated the interest of students for learning the skills. He discussed the possibilities of more NAVTTC sponsored training programs with the principal GJTMC, Sargodha.

JOB FAIR AT GJTMC SARGODHA:

It is always the priority of PGJDC to place their successful candidates in the market. Keeping in view, GJTMC Sargodha arranged a job fair, in which Mr. Nadeem Dogar, Chairman Gems and Jewellery Committee Sargodha Chamber of Commerce and Industries also participated. In the event the leading Jewellery manufacturers were given a brief overview about the purpose of organizing the job fair. As a result of organizing this event, the jewellery manufacturer hired eight passed out students of GJTMC for their design house.

VISIT OF STAFF AND STUDENTS OF GJTMC KARACHI TO IBA KARACHI:

GJTMC Karachi organized a visit to Centre for Entrepreneurial Development and Institute of Business Administration (IBA) on December 27, 2016. A group comprising of 38 trainees of Benazir Bhutto Shaheed Youth Development



Program (BBSYDP) and National Vocational & Technical Training Commission (NAVTTTC) sponsored program visited Centre for Entrepreneurial Development and Institute of Business Administration (IBA) to attend a workshop on entrepreneurial mindset. The workshop was conducted by Dr. Shahid Qureshi Program Director Centre for Entrepreneurial Development who gave the attendees useful and insightful knowledge of entrepreneurship and guided them how to become a good entrepreneur. The workshop lasted for two hours.

COLLABORATION FOR TRAINING COURSES

GJTMC Gilgit:

- A training program regarding “Gemstone Cutting and Polishing” was started from October 2016 under “Prime Minister’s Youth Development Program” in which 6 female and 19 male trainees have participated.
- Another training program related to “Gemstone Cutting and Polishing” and “Fashion Jewellery Making” was started from December 2016 in which 20 female and 30 male trainees were enrolled.

GJTMC Quetta:

- Training programs “Gemstone Identification, Gemstone Faceting, Gemstone Carving, Bead & Cabochon Making and Bead & Wire Jewellery Making” are started from October, 2016 sponsored by “NAVTTTC”, in which 55 female and 70 male trainees have participated.

GJTMC Karachi:

- A training program regarding “Jewellery Manufacturing” was started with the sponsorship by “NAVTTTC” in which 8 female and 42 male trainees have participated.

Future Programs:

- Under “Prime Minister’s Youth Development Program” a training program of 6 months duration comprising of 50 students in GJTMC Gilgit will start from January 2017 with the collaboration of “NAVTTTC”.
- Under “Prime Minister’s Youth Development Program” a training program of 6 months duration comprising of 25 Students in GJTMC Muzafarabad AJK will start from January 2017 with the collaboration of “NAVTTTC”.
- Training programs with the sponsorship by “BBSYDP” will start from February 2017 in GJTMC, Karachi.

COURSES OFFERED

AT TRAINING CENTRES



Gemstone Identification:

Identification of gemstones by using various gemological equipments

Diamond Grading:

Understand to grade cut diamonds according to international standards

Gemstone Faceting:

Learn to develop polished symmetrical facets on transparent gemstones to make it more attractive, beautiful and valuable

Gemstone Carving:

Learn techniques for creating sculptures and decorative items to enhance gemstone's beauty and value

Manual Jewellery Designing:

Enhance creativity and develop capacity to create innovative & technically sound jewellery designs

Computer Aided Jewellery Designing & Manufacturing (CAD / CAM):

Easy manipulation and manufacturing of a simple to complex jewellery designs in shorter time with high level of accuracy

Wax Carving:

Learn extremely effective and easy techniques to transform creative ideas into practical jewellery model

Jewellery Manufacturing:

Learn a series of procedures involved in jewellery manufacturing

Jewellery Finishing & Polishing:

Learn various techniques involved in Jewellery finishing and polishing

Stone Setting:

Learn how to become a quality stone-setter using, latest procedures and techniques for a variety of stone setting styles

Fashion Jewellery making with Beads and Wire:

Make your home a workshop by learning easy techniques of making handcrafted jewellery, using wires and colorful/trendy beads

Patwa:

Learn the art of stringing and hanging of beads and pearls in Jewellery

Mining:

Learn safe and appropriate mining techniques required in gemstone mining

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Peridot

Peridot is a gemstone variety of mineral group Olivine with a chemical formula of $(\text{Mg}, \text{Fe})_2\text{SiO}_4$. It is believed that the term Peridot originated from the Arabic word "faridat" which means gem.

Peridot was earlier mistaken for emerald and other green colored gems. It occurs in orthorhombic crystal system. It has a vitreous luster with hardness ranging from 6.5 to 7. It has a fair range of specific gravity starting from 3.32 to 3.37 and its refractive index ranges from 1.65 to 1.69.

Peridot has a very limited color range and depends on the presence of iron in the crystal structure along with magnesium. Its color ranges from brownish green, yellowish green, olive green to pure green. In some conditions it can have medium dark tone but usually it is pure green with no yellow or brown hue. Peridot variety of Olivine is a common mineral of mafic and ultramafic rocks also known as basaltic rocks and occurs in lavas and peridotite xenoliths which are carried from the mantle. It may occur as irregular nodules or as large crystal in these rocks. A very limited amount of such rocks contains Peridot. Geologically these rocks are formed due to sea floor spreading as the earth crust splits and the material from mantle comes to the surface of the earth. Later on they are shifted to other places by tectonic movements as tectonics plates play a key role in process of orogeny. Peridot also occurs in meteorites.

The ancient Egyptians mined it from the locality of "Zebirget" which is present on the Red Sea Island. They also named it the "gem of the sun". It is also valued today for its spectacular yellowish green hues and well developed crystals.

Peridot is found worldwide. It is found in Jilin Province China, Red Sea region Egypt, Oromia region Ethiopia, Naryn Oblast Kyrgyzstan, Mandalay region Myanmar, Arizona USA, Saudi Arabia, Mexico, Norway, Tanzania and Srilanka.

In Pakistan best quality peridot is found in Khyber Pakhtunkhwa Province in the region of Mansehra District and Kohistan District. The most important mining areas are in Kaghan Valley and Suppat Valley.

Ancient Egyptians were famous for using peridot in their jewellery and for healing purposes. The deposits in Red Sea were found before 1500 B.C. It is rumored that the queen of Egypt Cleopatra's most green Emeralds were Peridots. It was brought to Europe by Crusaders and was presented as Emeralds to the Christian church. One historical Peridot of yellow green color weighing 192.75 carats is in the Diamond Treasury in Moscow which belonged to the Russian czars.

Peridot brings a positive energy and has been used for healing purposes, helping those who are under traumatic emotional situations. It is a sign of hope and optimism hence used for psychological problems. It reduces the ego effects in individuals' life. Romans used this gemstone in their rings to calm their nervous system and get a peaceful sleep. It can bring a behavior of love, harmony and friendship. It is also used to attract the blessings of nature and prosperity. It also helps in controlling allergic reactions and bringing ease in various problems related to lungs, stomach, and heart.

It is also the birth stone for the month of August.





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