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PSF NEWS

November 2013

Monthly Newsletter of Pakistan Science Foundation

Vol. 11 No. 11

From the Chairman



Verily Allah alters not His blessing from any people until they themselves alter their condition. And when Allah desires evil to a people, then it cannot be turned back, and besides Him they have no supporter [Al Quran].

Most of the organizations including Pakistan Science Foundation (PSF) which are getting feed from the public funds are mandated to improve the socio condition of the society. It has very clearly been mentioned in PSF Act-1973 that the Foundation will provide funds to the research projects having bearing on socio economic development of the country. So, on one hand we are getting earnings from our jobs and on the other hand we

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42nd Meeting of PSF BoT Endorses New Chairman's Initiatives



PSF Chairman Prof. Dr. Khalil Ahmed Ibupoto presides over the Foundations BoT's 42nd meeting held on November 20, 2013. Pakistan Science Foundation (PSF) Board of Trustees (BoT) 42nd meeting was held on November 20, 2013. PSF Chairman Prof. Dr. Khalil Ahmed Ibupoto presided over the meeting, which reviewed the PSF performance to promote and popularize science and technology in the country. The BoT approved the decisions of PSF Selection Board and appreciated the administrative initiatives of new Chairman to resolve some outstanding issues lingering on since long. BoT members also appreciated PSF's Vision 2025 for the promotion of scientific research

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World Science Day 2013 Marked With Colourful Programmes



Eminent Scientist Dr. Ashfaq Ahmed addresses inaugural ceremony of World Science Day. Sitting on stage (from left to right) are PSF Chairman Dr. Khalil Ahmed Ibupoto, MoST Secretary Mr. Kamran Ali Qureshi, QAU VC Dr. Masoom Yasinzai and UNESCO Country Director K.K. Nagata.

Pakistan Science Foundation (PSF) celebrated the World Science Day (WSD) for Peace and Development 2013 on November 21 in a befitting manner by arranging different activities.

Eminent scientist Dr. Ashfaq Ahmed was the Chief Guest at inaugural ceremony of the event. The other prominent

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are following the guidelines of Almighty Allah for betterment of our people.

In past few months, within our limited budget, we have tried to manage all of our activities in a balanced manner, either at university level or at grassroots level and either at international level or at local level. A number of training workshops, orientation sessions, meetings with scientists, competitions for students and celebration of special days; like "World Science Day for Peace and Development" were undertaken in addition to processing of a large number of cases for research support and science popularization.

In all of our endeavors, support of Ministry of Science and Technology, PSF office holders, International & National partners like UNESO-Islamabad, Embassy of France, Embassy of China, Federal Directorate of Education, International Islamic University and many others remained with us, which is proof of our unity, faith and discipline.

Quote of the Month

The scientist does not study nature because it is useful to do so. He studies it because he takes pleasure in it, and he takes pleasure in it because it is beautiful. If nature were not beautiful it would not be worth knowing, and life would not be worth living. I am not speaking, of course, of the beauty which strikes the senses, of the beauty of qualities and appearances. I am far from despising this, but it has nothing to do with science. What I mean is that more intimate beauty which comes from the harmonious order of its parts, and which a pure intelligence can grasp.

– Henri Poincaré

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in the universities and other R & D institutions, popularization of science

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personalities who attended the function included Ministry of Science and Technology (MoST) Secretary Mr. Kamran Ali Qureshi, PSF Chairman Dr. Khalil Ahmed Ibupoto, UNESCO Country Director K.K. Nagata, Quaid-e-Azam University Vice Chancellor/ Rector IIUI Dr. Masoom Ysainzai. A large number of scientists, teachers and students were also present on this occasion.

Speaking on this occasion, Dr. Ashfaq Ahmed spoke on the importance of science and technology in development of nations and its use for the benefit of humanity not as for its destruction. He called upon the students to develop their passion for science and adopt it as a career. He said to achieve scientific development and use it for the betterment of mankind, Pakistan along with other countries of the world observes the "World Science Day for Peace and Development" on November 10 every year.

He said the purpose of World Science Day is to renew the commitment to science for peace and development and to stress the reasonable use of science for the benefit of society



A view of Poster and Speech Competitions on the occasion of World Science Day in Islamabad.



Dr. Shahnaz Anjum Riaz, DG, Federal Directorate of Education (FDE) addresses at an event in connection with Speech and Poster Competitions.

through science caravans & displays. The Board members also lauded PSF initiative of establishment of science centers /museums as well as public education through attractive popularization activities.



Eminent Scientist Dr. Ashfaq Ahmed MoST Secretary Mr. Kamran Ali Qureshi, UNESCO Country Director K.K. Nagata, QAU VC Dr. Masoom Ysainzai and PSF Chairman Dr. Khalil Ahmed Ibupoto addressing the inaugural ceremony of World Science Day.



Dr. Ashfaq Ahmed awards prize to winner of a completion on the occasion of a World Science Day. PSF Chairman Dr. Khalil Ahmed Ibupoto, MoST Secretary Mr. Kamran Ali Qureshi and UNESCO Country Director K.K. Nagata are also present.

as postulated by the World Conference on Science in 1999. UNESCO during the General Conference at its 31st session (2001) had proclaimed November 10 each year as "World Science Day for Peace and Development". Dr Ashfaq said initially, the proposal was given by him.

MoST Secretary Mr. Kamran Ali Qureshi said no one can deny the importance of science in socio-economic development. He said on behalf of MoST, PSF is organizing

different activities such as essay and poster competitions and science caravan exhibitions all over the country to celebrate the day and highlight importance of science and technology.

PSF Chairman Dr. Khalil Ahmed Ibupoto welcomed the participants and distinguished guests. He said the WSD is observed all over the world on November 10 to mark the breath taking achievements of man in science and technology and PSF observes this day every year in a befitting manner. He said due to Muharram this year PSF planned to celebrate this day on November 21 so that maximum number of people and students could actively participate in it. He appreciated the UNESCO collaboration in arranging different activities regarding celebration of the World Science Day.

He said since declaration of the day Pakistan Science Foundation (PSF), Ministry of Science and Technology, celebrates this day on regular basis. Dr. Ibupoto said PSF is



Mr. Faisal Hilal, In-charge/Asst. Doc. Officer, PASTIC Sub-Centre, Quetta briefing audience about PASTIC S&T Services at Sardar Bahadur Khan Women University Quetta.



Mr. Maqbool Ahmad delivering lecture during World Science Day celebrations in Quetta.



Glimpses of World Science Day Celebrations in Jaffarabad.



Mr. Muneer Ahmed Memon delivers lecture on Science for Water Cooperation in Tandojam.

the apex organization for popularization, promotion and funding of scientific and technological research.

UNESCO Country Director K.K. Nagata said today we are celebrating the World Science Day. She said peace is prerequisite for development and the WSD reminds us about use of science for peace and socio-economic development. Dr. Nagata said this year's WSD theme "Science for Water Cooperation: Sharing Data, Knowledge and Innovations" highlights the key role played by Science, Technology and Innovation (STI) in addressing global water challenges.

QAU VC Dr. Masoom Yasinzai talked at length about importance of science and its development in different fields.

The major activities arranged by PSF on this occasion included a seminar on WSD, award of prizes to winners of science poster, speech and other competitions etc and science caravan exhibitions in schools and colleges across the country.

Speech and Poster Competitions: Earlier in the morning session on November 21 a Speech and Poster Competition was organized among the students of 15 schools on the theme "Science for Water Cooperation," Dr.

Shahnaz Anjum Riaz, Director General (DG), Federal Directorate of Education (FDE) was the Chief Guest. Mr. Choaki, French Attaché, Embassy of France in Pakistan, Dr. Masoom Yasinzai, QAU VC / Rector International Islamic University, Islamabad and Dr. Ata-ul- Mohsin, Director Research Support, PSF and Dr. Naushaba Ata, PSO and other officials of PSF were also present. A panel of judges announced three best positions for each competition.

Seminar: In a technical session renowned scientist Dr. Shahid Ahmad from IUCN delivered a thought provoking talk on the theme, Science for Water Cooperation. A question answer session was held. The event was attended by about 450 students, teachers and scientists.

WSD Celebration by Science Caravan Units and PASTIC

Sub-Centres: The PSF Science Caravans and sub-centres of its subsidiary organization PASTIC also organized World Science Day events in different cities of the country.

Quetta: Science Caravan Balochistan Unit Quetta arranged science awareness programme at Govt. Boys Model High School Yazdan Khan, Quetta. Mr. Maqbool Ahmad, Assistant Director, highlighted the importance, history and purpose of celebrating World Science Day and that how we can use the knowledge and inventions of Science for Peace and Development of our country. Mr. Khadim Hussain, Principal, Govt. Boys High School Yazdan Khan Quetta, delivered an informative lecture about science. Some 150 students and teachers participated in WSD



Highlights of World Science Day Celebrations in Peshawar.



Glimpses of PASTIC S&T Services Stalls at Faisalabad.



Mr. Muhammad Hasnain, Deputy Director, PASTIC Sub-Centre, Faisalabad distributing gifts among students during exhibition at Faisalabad.



Glimpses of World Science Day Celebrations by Sukkur Unit.

programme.

PASTIC Sub Centre, Quetta organized a PASTIC Awareness Seminar at Sardar Bahadur Khan Women University Quetta, on November 28, 2013. Director Research, Dr. Muzaffar and Controller of Examination, Mr. Munir Ahmed Kakar were also present on this occasion. Mr. Faisal Hilal delivered the presentation about the PASTIC services and responded to questions raised by the audience.

Tandojam: The Tandojam unit of Science Caravan arranged a lecture on "Science for Water Cooperation" on November, 21 at Govt. Girls High School No. 1, SAU Colony Tandojam. Mr. Muneer Ahmed Memon Research Assistant/PhD Scholar delivered a lecture on "Science for Cooperation". Some 150 students and teachers participated in the event.

Jaffarabad: Mr. Abdul Khaliq, ASO / In-charge Science Caravan Unit Jaffarabad delivered a lecture on Science for Water Cooperation at Govt. Boys High School, Dera Allah Yar on



Mr. Ali Raza, Deputy Director, PASTIC Sub-Centre, Lahore briefing students about PASTIC S&T Services at Lahore.

November 21. The event was at e and Development on the theme "Science for Water Cooperation" was celebrated with the collaboration of GHS-Ibrahimzai Charsadda. To highlight the importance of the day a walk for science was arranged, in which 549 students and 26 teachers from Govt. High School Ibrahimzai and GHS - B o o b a k participated. Speech and Poster competitions among the students were also held in the said school.

Faisalabad: PSF Science

Centre & Science Caravan Punjab Unit, organized activity a science exhibition at Science Centre Jail Road Faisalabad on November 12, 2013. About 357 students of various schools and colleges along with their teachers visited the exhibition. About 357 students from Misbah Public High School and Usama Bin Zaid Public High School Faisalabad visited the exhibition.

PASTIC Sub Centre, Faisalabad organized Services Stall at University of Agriculture Faisalabad main campus on

November 11, 2013. PASTIC Information Services Stalls were organized at Emerging Science and Basic Science Blocks, Govt. College University Faisalabad on November 26 and November 27 respectively.

Suukur: Science Caravan Sukkur Unit organized a speech competition on "Science for Water Cooperation" on November 28 at Govt. Boys High School Adilpur District Ghotki. Over 200 students from different schools participated in the event and Assistant Director Science Caravan Sukkur Unit distributed prizes among the winner students.

Lahore: PASTIC Sub-Centre, Lahore in collaboration with Chemical Engineering and Chemistry Departments, University of the Punjab, organized PASTIC activities and Services stall on November 13, 2013 at Punjab University Lahore to mark WSD. The faculty members of the University visited the PASTIC stall and inquired about the PASTIC Services.

South and Central Asia Man and Biosphere Network's 5th Meeting Held in Islamabad

Chair of SACAM Handed Over to Pakistan for Next Two Years

The 5th meeting of the South and Central Asia MAB Network (SACAM) was jointly organized by Ministry of Science Technology (MoST), Pakistan Science Foundation (PSF), Pakistan Museum of Natural History (PMNH) and UNESCO-Pakistan on 26-27 November 2013 at Marriott Hotel, Islamabad. The meeting was attended by MAB program co-coordinators from SACAM member countries including Afghanistan, Bhutan, India, Iran, Kazakhstan, Nepal and Sri Lanka along with officials of UNESCO India, UNESCO Headquarters Paris, MoST,



Federal Minister for Science and Technology Mr. Zahid Hamid addresses the inaugural session of the 2-day South and Central Asia Man and Biosphere (MAB) Network's (SACAM) 5th Meeting at a local hotel. Chairman National MAB Committee/Secretary MoST Mr. Kamran Ali Qureshi, Co-Chairman National MAB Committee/PSF Chairman Dr. Khalil Ahmed Ibpoto, Secretary SACAM Mr. Ram Boojh, Secretary MAB Program UNESCO Mr. Qun Li Han and UNESCO Pakistan Country Director Dr. K.K. Nagata are sitting on the stage.

PSF, PMNH and UNESCO Pakistan, members of National M A B c o m m i t t e e , c o n s e r v a t i o n i s t s a n d environmentalists from all over Pakistan.

The meeting was inaugurated

by Mr. Zahid Hamid, Federal Minister for Science and Technology as chief guest. Welcome address was delivered by Dr. Muhammad Rafique, Country Focal Person for MAB Pakistan, in which he welcomed

the guests. Dr. Ram Boojh Secretary SACAM highly praised the effort of MAB-Pakistan to organize SACAM meeting for the first time in Pakistan. Dr. Kozue Kay Nagata Director UNESCO-



PSF Chairman/Co-Chairman National MAB Committee Dr. Khalil Ahmed Ibupoto (2nd from left) chairs a technical session of the 5th SACAM meeting on November 27, 2013.

Pakistan highlighted the MAB program in general. She admired the efforts of all stakeholders that helped in designation of Ziarat Juniper Forests as a Biosphere Reserve. Mr. Qun Li Han, Director Earth and Ecological Science & Secretary MAB Programme, UNESCO Headquarter, Paris, read out the message of Dr. Qian Tang, Assistant Director General, Education UNESCO Headquarters, Paris. He said that MAB program is global cooperation between people about their environment. He shed light on potential of transboundary Biosphere Reserves (TBRs) in SACAM region e.g., Indus Basin and Himalaya - Karakorum - Hindukush region.

Professor Dr. Khalil Ahmed Ibupoto, Co-Chairman National MAB Committee/Chairman PSF highlighted the role of sustainable development for making the world worth living. He proclaimed that MAB Programme may be considered model for sustainable development. He admired the efforts of his team for the last one year achievements. He hoped that collective wisdom of the participant of the SACAM meeting will come up with concrete suggestion to cope with the environmental issues for a sustainable future of the region. The Chairman National MAB Committee and Secretary, Ministry of Science and Technology, Kamran Ali Qureshi, extended his gratitude to Iran, the outgoing chair, for its outstanding contributions. He said the South and East

Asian countries are most vulnerable because of climate change and Pakistan in this context is at high risk. He said that the receding of glaciers in the Gilgit-Baltistan has resulted in devastating floods in the recent past.

Speaking on the occasion, the chief guest, Mr. Zahid Hamid thanked all the stakeholders including MAB network delegates from other countries, UNESCO and PSF for organizing and supporting biodiversity initiative in the region. Referring to the Global Climate Risk Index developed

by Germanwatch, he said that since 1992-2011, Thailand, Cambodia, Pakistan, El Salvador and the Philippines were among the most affected countries due to climate change which is a great concern. He said this forum would provide a good opportunity to work together in order to mitigate the risks related to climate change. During the two-day meeting, the participants discussed the SACAM progress and future plans. There were detailed talks on harmonization of community livelihoods with biodiversity conservation in the

context of biosphere reserves, new trends in Biosphere Reserves (BRs) and progress in member countries. National speakers were invited to deliver thought provoking presentations on emerging global issues in BRs. All participating SACAM member countries also shared their MAB Programme related experience. During the last session, group discussion took place for brainstorming and churning out new ideas to strengthen the MAB network for regional cooperation among SACAM member countries.

PSF Chairman Inaugurates 1st International Coal Conference at MUET

PSF Chairman Dr Khalil Ahmed Ibupoto was the Chief Guest at the opening ceremony of the "1st International Coal Conference".

The conference was organized by Mehran University of Engineering and Technology (MUET) Jamshoro Fuel Research Centre, PCSIR, Nottingham University, UK, Tsinghuo University, China, Shenyang Aerospace University, China and Hacettepe University, Turkey on November 7-9, 2013.

Speaking on the occasion the PSF Chairman said coal is indeed the issue of national importance to address the energy crises in Pakistan.



PSF Chairman Dr Khalil Ahmed Ibupoto along with organizers cuts ribbon to inaugurate the "1st International Coal Conference" at MUET.

He said the country is facing the worse energy crises of all times because of multi dimensional issues that are not only

concerned with fuel use but also ever increasing cost of power production.

Dr. Ibupoto said this is the high time to address the issue by utilizing indigenous resources; lessen the dependence on the import of oil and gas for sustainable energy supply. He appreciated the MUET role in organising the "1st International Coal Conference".



PSF Chairman Dr Khalil Ahmed Ibupoto presides over the opening ceremony of the "1st International Coal Conference" at MUET.

Science Caravans Attract Students towards Science

The Science Caravan Units of PSF are attracting students towards science by organizing different activities for them to inculcate science culture in the country.

Federal Unit: The Science Caravan Federal Unit arranged a five-day Exhibition at Allama Iqbal Public High School, Taxila from November 25, 2013. Over 2,700 students along with teachers from 11 schools visited the exhibition.

Punjab Unit: The Punjab Unit organized Science Exhibition at Govt. MC Higher Secondary School (Boys), Faisalabad on October 25 to November 05, 2013. About 75 teachers and 3,300 students visited this exhibition. Science exhibitions were held at Government Model High School (Boys) Khanewal and Government High School Kabirwala, District Khanewal on October 25 to November 05 and 176 teachers and 5,200 students visited these exhibitions.

A science exhibition was organized during 26th Annual Science Competitions at National Museum of Science and Technology, Lahore on

November 19-23, 2013. Over 4,500 students, 70 teachers and 200 general visitors benefitted from it.

The Punjab Unit also organized a science exhibition at Children Library Complex, Lahore on November 24-25, which was visited by 800 students and 300 other citizens.

The same unit organized science exhibition at Govt. Central Model High School Rattigan Road, Lahore in connection with provincial level science fair jointly organized by School Education Department Punjab and Intel Education Corporation Pakistan on November 26-28. Over 2,500 students, 25 teachers and 50 numbers of general public visited the exhibition.

Tandojam Unit: The Tandojam Unit organized science exhibition on November 20-23 at Govt. Girls High School SAU Colony Tandojam and over 1,000 students from three schools visited it.

Jaffarabad Unit: A science caravan exhibition was arranged at Govt. Boys High School Dera Allah Yar on November 18-25 by the



Glimpses of Science Exhibition at Khanewal

Jafarabad Unit. Some 2,354 students and teachers from 10 schools participated.

Peshawar Unit: Science caravan exhibitions were arranged at GCMHSS- Nahaqi, Peshawar and GHSS-Ibrahimzai Charsadda on November 01- 07 and November 18-27, respectively. About 1,751 students and 52 teachers from 17 schools participated in these exhibitions.

Sukkur Unit: The Sukkur Unit

arranged exhibition at Govt. Boys Higher Secondary Schools of Taluka Rohri District Sukkur and Taluka Adilpur District Ghotki on November 01-08 and November 18-28 respectively. Over 2,100 students, teachers and other staff of 16 schools visited in Rohri programme and 2,750 students and teachers of 15 schools in Adilpur programme.

PSF, E-village Foundation Discuss Collaborative Activities

A meeting was held between Dr. Khalil Ahmed Ibupoto, Chairman PSF and Mr. Ammar Jaffari, Chairman, E-Village Foundation on November 25, 2013 at PSF Chairman's office. Some officials of PSF were also present. Mutual collaborative activities of both organizations in field of Science & Technology were discussed.



Science Exhibition at Govt. Model High School, Lahore



A group photo of award winning team of Pak-Turk International School with PSF Science Caravan and Intel officials.



Meeting of Chairman PSF with Chairman E-Village Foundation.

Popular Science Lecture on “Synthesis and Characterization of Piezo-Electric BaTiO₃ Crystals”



Dr. Muhammad Muneeb Asim and Dr. Muhammad Shoab deliver popular lecture at PSF.

PSF organized popular science lecture on “Synthesis and Characterization of Piezo-Electric BaTiO₃ Crystals” on 31st Oct, 2013 at PSF



Eminent scientist Dr. Anwar Nasim talks to students after the lecture.

Auditorium. Dr. Muhammad Muneeb Asim, P S O, Metallurgy Division and Dr. Muhammad Shoab, Deputy Chief Engineer, Dr. A. Q. Khan Research Laboratories Kahutta, Rawalpindi delivered the lecture. Eminent scientist Dr. Anwar Nasim presided over the function. The lecture was attended by more than 120 people including students, teachers, scientists and officials of PSF.

PSF Organizes Intra-board Essay and Poster Competition in Azad Jammu & Kashmir

Pakistan Science Foundation supervised the activity. PSF organized Intra-board Essay and Poster Competition at Government Model High School No 1. Mirpur, AJK on 28th November,. Mr. Riaz and Mr. Sheik SO from PSF, supervised the activity. Students from different schools participated in Essay Competition on the theme of “Living with Solar Energy” and Poster competition on the theme of “Water and Me”.

Important Meetings/Events

PSF Chairman Prof. Dr. Khalil Ahmed Ibupoto held/attended following important meetings/conferences in November 2013:

- A meeting with UNESCO Country Director Ms Nagata in her office on November 1.
- Inauguration of “29th Spelt Annual International Conference Surfing the ELT Wave: New Ways for a New Generation” at National Library, Islamabad on November 1.
- A meeting with the Executive Director, COMSATS regarding World Science Day Function on November 1.
- Inaugural Session of the International Summer School “Food Security in Times of Climate Change” on November 3 organized by DAAD & HEC in the Seminar Hall, Academic Block-1, CIIT, Islamabad.
- A Meeting regarding allocation of land by CDA for Establishment of Pakistan Science Museum in the Committee Room of MoST on November 4.

PSF's Vision 2025

PSF is a premier organization mandated for promotion/ funding of scientific research & related activities having bearing on socio-economic needs of the country and popularization of science for the development of science culture in the society. The Foundation with the assistance of its two subsidiary organizations i.e. Pakistan Scientific and Technological Information Centre (PASTIC) and Pakistan Museum of Natural History (PMNH) is working for the promotion of scientific research in the universities and other R&D institutions, popularization of science through Science caravans & establishment of science centers /museums, public education through attractive displays and establishment of comprehensive scientific and technological information dissemination centers. In the successive years PSF is envisioned for,

- Greater interactions between researchers and industry for commercialization of research results and indigenous technology development.
- Improved agricultural practices/capacity building of farmers for enhancement of agriculture production and food security in Pakistan.
- Motivation of youth towards S&T (promotion through numerous science popularization activities and activity based science learning exercises, travelling expos on science subjects).
- Promotion of innovative projects by young scientists/ participation of students at International forums
- Establishment of Science Centers & Museum, Strengthening of Research & Display activities of PMNH
- Enhanced electronic connectivity of PSF with scientific community through automation of research activities.
- Propagation of science through print & electronic media.
- Declaration of PASTIC as National Repository of all S&T publications of the country / Optimum usage of ICTs for information retrieval and dissemination as well as international linkages with Foundations, Academies, Science Centres, Museums & International bodies around the world.

- Inauguration of “International Conference on Plants, People & Climate” organized by PCST at NUST, Islamabad on November 5.
- A meeting of the PMRC Executive Committee in the Conference Room of PMRC on November 5.
- BoG meeting of the National Centre of Physiology, Centre of Excellence, Quaid-i-Azam University, Islamabad on November 8.
- Chaired NSLP Technical Committee Meeting at PSF on November 19.
- National Consultation Conference of 1000+ Stakeholders on Pakistan Vision 2025 and 11th Five Year Plan 2013-18 on November 22.
- Chief Guest at the Closing Ceremony of AirEx Innovation Challenge at GIK Institute, Topi on November 24.

Pakistan Museum of Natural History (PMNH)

Editor: Dr. Saleem Ahmad, Curator

Two-Day Exhibition on Chinese Celebrities Held at PMNH



Federal Minister for S&T Mr. Zahid Hamid and Chinese Ambassador H.E. Sun Weidong cut the ribbon to inaugurate the exhibition on eight eminent Chinese personalities at PMNH. S&T Federal Secretary Mr. Kamran Ali Qureshi, Pakistan Science Foundation (PSF) Chairman Prof. Dr. Khalil Ahmed Ibupoto and PMNH Director General Mr. Akhter Javed are also present.

A 2-day exhibition on eight modern times eminent Chinese celebrities was held at Pakistan Museum of Natural History (PMNH), Garden Avenue Shakarparian, Islamabad on November 12-13, 2013.

The inaugural ceremony of the exhibition was attended by Federal Minister for Science and Technology (S&T) Mr. Zahid Hamid, People's

Republic of China Ambassador H.E. Sun Weidong, S&T Federal Secretary Mr. Kamran Ali Qureshi, Pakistan Science Foundation (PSF) Chairman Prof. Dr. Khalil Ahmed Ibupoto, Ministry of Information, Broadcasting and National Heritage Joint Secretary Mr. Muhammad Bilal and PMNH Director General Mr. Akhter Javed. Senior officials from



Chinese Ambassador H.E. Sun Weidong and Federal Minister for S&T Mr. Zahid Hamid visit the exhibition.

Ministry of Science and Technology (MoST) and representatives of diplomatic community, media, artists and writers were also present on this occasion.

Federal Minister Mr. Zahid Hamid and Chinese Ambassador H.E. Sun Weidong jointly cut the ribbon to inaugurate the exhibition.

Speaking on the occasion, Federal Minister for Science and Technology Zahid Hamid said such events played a vital role in bringing the two countries together and know each others' cultural values. He said the exhibition is a part of implementation of Protocol between the two countries. He hoped that the exhibition would be a great opportunity for Pakistanis to know the Chinese eminent personalities and their contributions towards development of cultural thoughts and values. He told the audience that under an MoU Beijing Museum of Natural History (BMNH) and PMNH are working on joint project of natural history. The Minister

said PMNH will establish a gallery of Pakistani natural resources at BMNH and similar gallery on Chinese natural history will be established at PMNH.

Chinese Ambassador Sun Weidong said the main aim of organizing the exhibition was to commemorate the intellectual and diligent efforts of eight icons of culture, which had become a source of enlightenment in the cultural thoughts and vision based upon the ancient thinking, customs and values. He desired that Pakistan should also arrange such an exhibition on eminent Pakistani personalities in China so that Chinese people could become aware of them.

Group leader of the Chinese team Zhao Goushun said the 20th Century saw a major shift in the way that vast number of people lived, as a result of changes in politics, ideology, economics, society, culture, science, technology, and medicine. The century had the first global-scale wars between several world powers across



Federal Minister for S&T Mr. Zahid Hamid, Chinese Ambassador H.E. Sun Weidong, S&T Federal Secretary Mr. Kamran Ali Qureshi, PSF Chairman Prof. Dr. Khalil Ahmed Ibupoto and Chinese delegation group leader Zhao Goushun at the inaugural ceremony of exhibition on eight eminent Chinese personalities at PMNH.



Federal Minister for S&T Mr. Zahid Hamid, Chinese Ambassador H.E. Sun Weidong, PSF Chairman Dr. Khalil Ahmed Ibutoto and PMNH DG Mr. Akhter Javed address the inaugural ceremony of "Eight Eminent Chinese of Modern Times" at PMNH on November 12, 2013.

multiple continents, including World War I and World War II, he said, adding, nationalism became a major political issue in the world in the 20th century. He said now with the collaborative efforts of Chinese Embassy Islamabad and PMNH, a subsidiary of PSF, working under MoST, an

exhibition has been organized about commemoration of the intellectual and diligent efforts of Eight Icons of culture which became a source of enlightenment in the cultural thoughts and vision based upon the ancient thinking, customs and values.

He said among these are the

personalities like; Maqam Song Qingling, a political worker, Journalist, and a visionary leader, Li Dazhao, a Chinese intellectual who co-founded the Communist Party of China with Chen Duxiu in 1921, Lu Xun, a leading figure of modern Chinese literature, Guo Moruo, was a Chinese author, poet, historian, and archaeologist, Mao Dun, a 20th-century Chinese novelist, cultural critic, and journalist, Lao She, a notable Chinese writer; a novelist and a dramatist, Xu Beihong, primarily known for his Chinese ink paintings of horses and birds, Mei Lanfang, an artist who performed in Theatre and Opera.

PSF Chairman Dr. Khalil Ahmed Ibutoto highlighted the Foundation's efforts for promotion and development of science in the country. He spoke on different programmes of the

Foundation to support research and science educational activities in the country. He also thanked the guests for gracing the occasion.

Speaking on the occasion, Joint Secretary Ministry of Information & Broadcasting and National

Heritage Muhammad Bilal said the world also became more culturally homogenized than ever with the developments in transportation and communications technology. Pakistan and China relationships were established on May 21, 1951, he said, adding, the long-standing ties between the two countries have been mutually beneficial.

In the end, DG PMNH Akhtar Javed thanked the Chinese guests for their contribution in promotion of cultural activities in Pakistan.



Chinese Ambassador H.E. Sun Weidong and Chinese delegation group leader Zhao Goushun cut a cake at the inaugural ceremony of the exhibition while S&T Federal Secretary Mr. Kamran Ali Qureshi, PSF Chairman Prof. Dr. Khalil Ahmed Ibutoto and PMNH Director General Mr. Akhter Javed look on.

PMNH, Overseas Pakistanis Organizations to Forge Collaboration for Healthy Science & Art Environment in Country

PMNH in collaboration with the Association for Health Education Arts Development (AHEAD) organized a formal meeting of artists and scientists at on November 16, 2013.

The meeting was aimed at discussing the possible ways to forge collaboration with the overseas Pakistanis organizations and promote healthy environment for art and science in Pakistan.

AHEAD is a Scotland based organization of overseas

Pakistanis for creating a healthy environment that can make a difference in the lives of Pakistani artists and scientists. The meeting was made possible through efforts of Mr. M. Akhter Javed, Director General, PMNH, Mr. Abdul Rahim Rajpar, Director, PSD and staff of the Public Services Division, which was attended by a large number of representatives from various organizations.

Prominent among them were PSF Chairman Dr. Khalil



Dr. Khalil Ahmed Ibutoto, Chairman PSF, Presiding the formal get together among the artists and PMNH officials on 16th November, 2013 in the Audio Visual Hall, PMNH.

Ahmed Ibupoto, PMNH DG Mr. M. Akhter Javed, PSD Director Mr. Abdul Rahim Rajpar, Director, Ms. Maliha Agha, Principal, CAD PU, Mr. Shahid Wahid, Vice Principal, NCA, Mrs. Farah Rana, Architectural Department,

COMSATS and Naheeda Raza, Owner Jharoka Art gallery. Mr. Hamid Rashid from AHEAD briefed about the efforts of overseas Pakistani for the promotion of Art and culture of Pakistan through the formation of AHEAD. He further

proposed that PMNH should strive for the creation of such relations which would promote healthy environment for artist and scientists. The PSF Chairman endorsed the idea and said that the Foundation appreciates the efforts of

overseas Pakistanis and will take advantage of their ideas and suggestion for improving the quality of Pakistani people's life. He also said that PSF/PMNH and AHEAD should work together in the field of Science, Art and History.

UNSECO Delegation Visits PMNH

A UNSECO delegation comprising Mr. Han Qunli, Secretary, MAB Programme, UNESCO Headquarters, Division of Ecological & Earth Sciences, Paris, France and Mr. Ram Boojuh, Secretary SACAM, UNESCO Office India, who was in Pakistan to attend the 5th meeting of "The South and Central Asia MAB Network (SACAM)", visited PMNH on November 28, 2013. PSF Chairman Dr. Khalil Ahmed Ibupoto, PMNH DG Mr. M. Akhter Javed and PMNH Directors received the honorable guests. PMNH DG briefed the guests about activities and achievements of museum. The delegation visited different galleries and repositories of PMNH and took keen interest in various displays. They appreciated the efforts of museum scientists and other staff to establish an international standard museum, which is a valuable source of informal education



UNESCO delegation visiting PMNH on 28th November, 2013

and reference materials for general public, especially the students and their sustainable research activities and to make use of our natural resources.

Mr. Akhter Javed Takes Current Charge of PMNH DG

The PSF Chairman has assigned the current charge of Pakistan Museum of Natural History (PMNH) Director General (DG) to



Mr. Muhammad Akhter Javed, Deputy DG in addition to his own duties. He took the current charge of Director General, PMNH on November 8, 2013.

Pakistan Stone Development Company DG Visits PMNH

Mr. Lutfur Rehman, Director General, Pakistan Stone Development Company, Ministry of Production, visited Pakistan Museum of Natural History (PMNH) on 29th November, 2013. He visited different display galleries of PMNH and found them very informative for



Dr. Nayyer iqbal, Director ESD, briefing Mr. Lutfur Rehman, DG, PASDEC, about the Rock Garden.

public education.

He gave valuable suggestions for the completion of Rock Garden.

The PMNH requested him for donation of good quality specimens for display in the Rock Garden and display galleries.

He assured that his company will donate some valuable specimens for completion of the Rock Garden.

Mr. Lutfur Rehman said PMNH and PASDEC should enhance collaboration which would not only benefit both the organizations but also benefit the students and general public visiting the Museum.

PMNH and PASDEC officials also discussed the possibilities of organizing joint training programmes in the country.



Dr. Nayyer Iqbal, Director ESD, briefing Mr. Lutfur Rehman (DG, PASDEC) about the geological collection preserved in the ESD repository.

Pakistan Scientific & Technological Information Centre (PASTIC)

Editor: Syed Aftab Hussain Shah

PASTIC Continues to Organize Services Stalls

PASTIC Activities and Services stalls were organized by PASTIC Sub-Centres in Karachi, Peshawar, Lahore and Faisalabad.

PASTIC Sub Centre, Karachi organized a services stall during three days 1st International Coal Conference held on November 7-9th, 2013 at Mehran University of Engineering and Technology, Jamshoro. A large number of participants visited PASTIC stall for their acquaintance about its S&T services.



Glimpses of PASTIC S&T Services Stall in Karachi.

Other PASTIC Services stall was organized during one day seminar on "Supply Chain-

Horizon & Challenges of University of Karachi. Pakistan Fruit Industry" held on November 09, 2013 at A one-day PASTIC Services Stall was organized at



Mrs. Ghazala Yasmeen Malik, Deputy Director, PASTIC Sub-Centre, Peshawar briefing students and guests about the PASTIC activities at COMSATS Abbotabad.

COMSATS Institute, Abbotabad on November 27, 2013 during S&T Exhibition organized by Directorate of Science & Technology, Government of Khyber Pakhtunkhwa. Some 38 students got registered as PASTIC free members while six filled bibliographic services request forms.

PASTIC Sub Centre, Peshawar organized 3 days PASTIC Services Stall at KPK Agriculture University, Peshawar from 18th to November 20th, 2013 during 03 days International Dairy

Science Park 2013 Conference. Researchers from different Departments of KPK Agriculture University and participants of workshop visited PASTIC Stall. 90 students got registered as PASTIC Members while 40 students' filled bibliographic services query forms for the data acquisition relevant to their research work. In both events, PASTIC Services brochures were distributed among the visitors.

Prof. Dr. Khan Gul Jadoon, Director COMSATS Institute Abbotabad, Dr. Javed Abbas Bangish, Director, Directorate



Glimpse of PASTIC S&T Services Stall at KPK Agriculture University, Peshawar.

of Science & Technology (DOST), Mian Assad-ud-Din, Additional Secretary Science & Technology & IT Government of KPK, Javed Bangish & Abid Sohail, Deputy Director, DOST also visited stalls at Abbotabad and Peshawar, respectively.

Possibilities of Research Commercialization Dug Out

Mrs. Ghazala Yasmeen Malik, Deputy Director, PASTIC Sub-Centre, Peshawar along with Mr. Rahmatullah, Chief Coordinator IRP held number of meetings with. Professors of different departments of UET-Peshawar including Mining Engineering, Chemical Engineering, Civil Engineering; Centre of

Biotechnology & Microbiology, University of Peshawar & with Professor Ibrar at Horticulture Department, KPK Agriculture University, Peshawar, respectively on November 21st, 2013.

The objective of the meetings was to dig out the possibilities of future coordination in Chemical, Mining, Civil,

Horticulture & Biotechnology Sectors in coordination with PASTIC, IRP and Educational Institutes at Peshawar. It was mutually agreed that PASTIC, IRP & Universities will work in coordination to develop the culture of Commercialization in Educational Institutes by establishing liaison with Industrial sector.

Exchange of Research Work Discussed

Mr. Muhammad Hasnain, Deputy Director, PASTIC Sub-Centre, Faisalabad attended a meeting of "Faisalabad Research Forum," held on 06.11.2013 under the Chairmanship of the Commissioner, Faisalabad at University of Agriculture, Faisalabad, in order to exchange the research work of various institutions in Faisalabad.

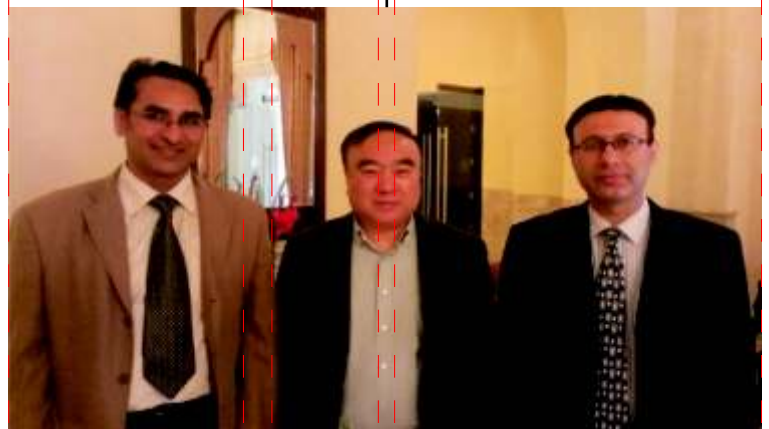
DG PASTIC Visits BUIITEMS, Quetta

Prof. Dr. Muhammad Akram Shaikh, Director General, PASTIC visited Balochistan University of Information Technology, Engineering & Management Sciences (BUIITEMS) Quetta in connection with Pakistan Engineering Council (PEC) Re-Accreditation visit of Computer Engineering Department on November 5-6th, 2013.

Director General PASTIC attends International

Workshop on "Doing Business with China" organized by COMSATS (CIIT), Islamabad

Prof. Dr. Muhammad Akram Shaikh, Director General PASTIC attended a two day international workshop titled "Doing Business with China" on November 6-7th, 2013 at Islamabad organized by COMSATS Institute of Information Technology in collaboration with Tsinghua University, China, FPCCI and ICCI.



Prof. Dr. Muhammad Akram Shaikh along with Prof. Dr. Li Xiguang, Dean/Director Center for Pakistan Culture & Communication Studies Tsinghua University Beijing China and Prof. Dr. Saleem A. Bokhari COMSATS (CIIT) Islamabad during a two day international workshop.

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