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# PSF NEWS

November 2017

Monthly Newsletter of Pakistan Science Foundation

Vol. 15 No. 11

## From the Chairman



*In the past, Muslim scientists including Arabs and Persians were far ahead of the European scientists due to their invaluable discoveries and inventions. They wrote countless books about medicine, surgery, physics, chemistry, philosophy, astrology, geometry and various other fields. These books were later translated into their own languages by the European countries and benefitted from the Muslim scientists' knowledge and inventions. These days hardly any student knows about the Persian*

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## World Science Day Celebrated with Colourful Programmes

World Science Day was celebrated in a befitting manner at Pakistan Science Foundation (PSF) on November 10, 2017. PSF had chalked out different colourful programmes to celebrate the Day.

The World Science Day is celebrated all over the World on November 10 every year to create awareness on importance of science and its use for peace and development. Theme of the World Science Day 2017 is "Science for Global Understanding".

The inauguration of this day-long celebration started with the Convention of Scientists at PSF and Federal Secretary for Science and Technology Ms. Yasmin Masood, National Center for Physics (NCP) Director General Dr. Hafeezur Rahman, PSF Chairman Prof.



Federal Secretary for Science and Technology Ms. Yasmin Masood awards a shield to young researcher Mr. Shaheer Niazi at the World Science Day event at Pakistan Science Foundation on November 10, 2017.

Dr. Muhammad Ashraf and eminent scientist Dr. Aslam Baig addressed the Convention to highlight the importance of science and its peaceful use for development and benefit of the mankind.

The Federal Secretary said that Pakistan was blessed with young talent but we need a lot of coordination among various organizations to tell the youth about the opportunities available for them. She



Federal Secretary for Science and Technology Ms. Yasmin Masood addresses the Scientists Conventions during the World Science Day celebrations at Pakistan Science Foundation on November 10, 2017.

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From the Chairman

mathematician and astronomer Omar Khayyam's scientific achievements and the 365 days calendar given by him some 800 years ago which has only few minutes' difference in the calculations by the modern days scientists having the latest equipment and facilities. Muslim scientists such as Abu Nasr Al-Farabi, Al-Battani, Ibn Sina, Ibn Battuta, Ibn Rushd, Muhammad ibn Musa Al-Khwarizmi, Omar Khayyam, Abu Bakr Al-Razi, Jabir Ibn Haiyan, Ibn Ishaq Al-Kindi, Ibn Al-Haytham, Ibn Khaldun and Ibn Al-Baitar left a great impact on the world through their scientific work. The achievements of these Muslim scientists need to be taught to the students as such scientists are role models and sources of motivation and inspiration. The knowledge generated by these Muslim scientists must reach to the new generation in order to regain the glory of the past when Muslims ruled the entire world through their knowledge.



Dr. Hafeezur Rehman Hoorani, the Chief Guest, addresses the Scientists Conventions during the World Science Day celebrations at Pakistan Science Foundation on November 10, 2017.

congratulated the winners of various science quiz competitions.

Dr. Hafeezur Rehman Hoorani, the Chief Guest, said that science is something that not only changes the destiny of nations but also promotes peace as he considers science as a great instrument of peace. He said that science brought different warring nations together through joint scientific programmes.

Dr. Hoorani advised the students to strengthen their math and computer programming skills to excel in science. He also asked the students to read as much as possible and be good listener to become good learner. He called upon media persons to give more coverage to science activities for popularizing the science in the country.

PSF Chairman Prof. Dr. Ashraf in his address highlighted the Foundation's research and

science popularization programmes.

Met. expert Dr. Muhammad Hanif delivered a lecture on SMOG phenomenon during the convention. Award of PSF Gold Medals, certificates and cash prizes to winner-students of Inter-Board Science Essay, Poster and Quiz Competitions was also the part of this convention.

On the Occasion of World Science Day on November 10, Pakistan Museum of Natural History (PMNH) remained open for the students. Students from different educational institutions also displayed models of their science projects in an exhibition at PMNH.

PSF through its sub-centers and Science Caravan Units also arranged different activities in other cities to mark the day in a befitting manner.

United Nations Educational, Scientific and Cultural Organization (UNESCO)

during the General Conference at its 31st session (2001) proclaimed November 10 each year as "World Science Day for Peace and Development (WSDPD)". Initially the proposal was floated by Eminent Pakistani Scientist Dr. Ishfaq Ahmad, N.I., H.I., S.I. "The purpose of "World Science Day for Peace and Development (WSDPD)" is to renew the national, as well as the international commitment to science for peace and development and to stress the reasonable use of science for the benefit of society as postulated by the World Conference on Science" (Budapest 1999). Since 2002, PSF in collaboration with other organizations is organizing various activities for students and scientists to commemorate the day like Convention of Scientists, Science Caravan Exhibitions, Prize Distribution to the winners of PSF Annual Inter Board Science Essay and Poster and quiz Competitions etc.

### World Science Day celebration at PMNH

The World Science Day was celebrated at Pakistan Museum of Natural History (PMNH) on November 10, 2017. Educational stalls, planetarium shows and Mobile Science Lab programme were arranged for the visitors. A large number of



PSF Chairman Prof. Dr. Muhammad Ashraf and others address the Scientists Conventions during the World Science Day celebrations at Pakistan Science Foundation on November 10, 2017.

## Quote of the Month

"Science means constantly walking a tightrope between blind faith and curiosity; between expertise and creativity; between bias and openness; between experience and epiphany; between ambition and passion; and between arrogance and conviction - in short, between an old today and a new tomorrow."

—Heinrich Rohrer



students and general public participated in the event and visited the stalls.

### World Science Day Celebration in Other Cities

**Sukkur:** Science Caravan Sukkur Unit celebrated World Science Day for Peace and Development on the theme "Science for Global Understanding" at Govt. (Boys) Campus High School Kamber on November 11, 2017. The unit organized Speech Competition among 8 students of 3 schools. 150 students and teachers participated in speech competition and Prizes were distributed among winner students.

**Quetta:** Science Caravan Quetta Unit celebrated World Science Day for Peace and Development at GBH School, Killi Sheikhan Quetta on dated November 10, 2017. 120 students and teacher were participated in the event.

**Tandojam:** Science Caravan Tandojam Unit celebrated World Science Day for Peace and Development at GBH



World Science Day Celebration in PMNH

School, Daulatpur on dated November 11, 2017.

**Jaffarabad:** Science Caravan Jaffarabad Unit celebrated World Science Day for Peace and Development at GGHS Usta Muhammad on November 10, 2017. The Unit organized a Speech Competition. Mr. Mir Aamer Khan Jamali, Chairman Municipal Community. Mr. Mulla Muhammad Umrani, DEO also participated in the event. 243 students and teachers of 10 schools were participated and Prizes were distributed among winner students.

**Peshawar:** Science Caravan Peshawar Unit celebrated World Science Day for Peace and Development at GHSS No.1 Thana Malakand & Abasyn School System, Chakdara Dir (L) on November 10, 2017. The unit organized popular science lecture on the theme "Science for Global Understanding". 3000 students and teacher participated in the event.

**Faisalabad:** World Science Day for Peace and Development was celebrated at Science Centre Faisalabad on November 9-10, 2017. 790

Students and teachers participated in the event. The Science Caravan Unit also organized a quiz competition at Govt. Laboratory GHS, Samanabad, Faisalabad on November 7, 2017. 30 Students from different schools participated in the quiz competition.

**Multan:** Science Caravan Multan Unit celebrated World Science Day for Peace and Development at Govt. Girls Comprehensive High School, Bahawalpur on November 10, 2017. The Unit organized a Quiz Competition. Mr. Naseer Ahmad, DEO (SE), Bahawalpur appreciated the occasion of World Science Day on November 10, 2017. 130 students participated in this event. Prizes were distributed among winner students.



World Science Day Celebration by Multan Unit

## Awareness Seminar on Research and Innovation Programme Horizon 2020

### Research vital to sustainable development: EU Deputy Head of Mission

More Research and Innovation (R&I) are needed to develop in a sustainable way as well as meet the challenges facing the country, said Ms. Anne Marchal, Deputy Head of Mission, European Union (EU) Delegation to Pakistan on

November 1, 2017.

She was speaking at an Awareness Seminar on EU Research and Innovation Programme Horizon 2020, jointly organized by the Pakistan (PSF) Science Foundation and EU Delegation



Chairman Pakistan Science Foundation Prof. Dr. Muhammad Ashraf addresses Awareness Seminar on EU Programme Horizon 2020 at PSF on November 1, 2017.

to Pakistan at PSF. A large number of researchers and innovators from 30 institutions including universities and research institutions attended the seminar.

Ms. Anne Marchal said that



Ms. Anne Marchal, Deputy Head of Mission, European Union (EU) Delegation to Pakistan addresses Awareness Seminar on EU Programme Horizon 2020 at PSF on November 1, 2017.

R&I are drivers of economic development. She said that the EU researchers and innovators have cross-border collaboration and the EU is open to the world and the EU science has no boundary. The EU programme Horizon 2020 has 77 billion Euros budget and Pakistani researchers and innovators should benefit from this funding through joint projects with the EU partners,

Ms. Marchal added. She said that low carbon resilient future, circular economy, digitization and transforming Industry and services integration, science for refugees and migration are top priority areas of collaborative projects.

The EU Deputy Head of Mission said that Pakistan does not have status of associate country and to get this status the researchers and innovators



must show strong interest in EU's R&I programme.

Speaking on this occasion, PSF Chairman Prof. Dr. Muhammad Ashraf said that the Foundation since its

inception is striving for promotion of research through funding. He said that Research Support and Natural Science Linkages Programme are important programmes of PSF

for research funding. Since the Foundation became focal organization of EU programmes in Pakistan the number of research project proposals has increased

manifold, he added.

The PSF Chairman also spoke at length about similar research projects collaboration with other countries such as China, Turkey and Sri Lanka etc.

## Science Caravans Exhibitions

### 21,125 Students from 70 Schools Visit PSF Mobile Exhibitions in Nov. 2017

As many as 21,125 students and teachers from over 70 schools visited science exhibitions arranged by PSF Science Caravan Units in November 2017 in different cities of the country. The detail is as under:

**Federal Unit:** The Science Caravan Federal Unit arranged science exhibition at Educators, G-11 Campus, Islamabad on



Glimpses of exhibitions arranged by the Federal Unit

November 14-16, 2017, a science exhibition at Academy of Higher Secondary School, Thoba on November 20-25, 2017. Similarly the Unit also arranged a science exhibition at Mirpur Public School, Mirpur (AJK) on November 27, 2017. About 3,750 students from 12 schools participated in these exhibitions.

**Tandojam Unit:** The Tandojam Unit arranged a Science Caravan exhibition at GBH School Taluka Daulatpur district Shaheed Benazirabad on November 06-11, 2017. About 1,445 students and 41 teachers from nine schools visited the exhibition.



Glimpses of Caravan Exhibitions arranged by Tandojam Unit

teachers from eight schools visited the exhibition.

**Sukkur Unit:** The Sindh Unit, Sukkur arranged the Science Caravan exhibition at Govt. Boys Higher School No.1 Mehar District Dadu on October 30 to November 04, 2017. Mr. Nazir Ahmed Chandio, DEO Secondary / Higher Secondary Schools, District Dadu inaugurated the programme. Over 1,710 students, teachers and other staff from eight schools visited the exhibition. The Headmaster and teachers thanked PSF for organizing the



Glimpses of Caravan Exhibitions arranged by Sukkur Unit

Kamber-Shahdad Kot on November 06-11, 2017. Over 1,550 students, teachers and other staff from seven schools visited the exhibition. The Unit also arranged the exhibition at Govt. Boys Higher School Talpur Wada on November 20-29, 2017. Over 2,520 students, teachers and other staff from 16 schools visited the exhibition.

The Unit also arranged Science Caravan exhibition at GBHS School Taluka Jati District Thatta on November 20-25, 2017.

About 1,123 students and 50

teachers from eight schools visited the exhibition. The Unit also arranged Science Caravan exhibition at GBHS School Taluka Jati District Thatta on November 20-25, 2017. About 1,123 students and 50

Mobile Science Lab program in this school. The Unit arranged a Science Caravan exhibition at Govt. Boys Higher School Kamber, District

**Peshawar Unit:** The unit arranged science exhibition at GHSS No.1, Thana Malakand on November 6-12, 2017 and at Abasyn School System, Chakdara Dir (L) on November 12-14, 2017. Over 2,100 students and teachers from 11 schools participated in these exhibitions.

**Faisalabad Unit:** The unit arranged science exhibition in Diliwala, Mianwali on November 13-24,



Science Caravan exhibition arranged by Faisalabad Unit

students from seven schools participated. The unit also arranged science exhibition at Govt. High School Shujaabad on November 20-25, 2017 in which, 1180 students from five schools participated.

**Teachers of Islamabad trained on IBSE**

The Science Caravan Federal Unit arranged teachers training session on Inquiry Based



Science Caravan exhibition arranged by Multan Unit

Ali Soomro also guided the teachers and students while performing these activities under IBSE. All the teachers appreciated the activity and said this type of session will boost their capabilities and teaching-learning techniques.



Glimpses of Teachers Training Session



# Pakistan Museum of Natural History (PMNH)

Editor: Dr. Muhammad Ismail Bhatti

## Federal Secretary S&T Inaugurates “The World of Birds” Diorama at PMNH

The Federal Secretary, Ministry of Science and Technology, Yasmin Massod visited PMNH and inaugurated “The World of Birds” diorama on November 20, 2017. PSF Chairman Prof. Dr. Muhammad Asharaf,

Director General PMNH Dr. Muhammad Rafique, Secretary PSF/Director ESD, Dr. Ghazal Roohi and other senior officers of PMNH were present during her visit. The Federal Secretary visited all galleries and repositories of

PMNH. A comprehensive presentation regarding the progress and ongoing activities of PMNH was delivered by the Director General. While appreciating the progress, she also pointed out some deficiencies and

instructed for improvement of the same. She especially asked to improve security measures and develop more educational displays at PMNH. Chairman PSF presented books and brochures of PMNH to the Secretary.



## Proposed Indus Blind Dolphin Biosphere Reserve Baseline Studies of Fauna and Flora Conducted

Six days baseline studies have been carried out to document fauna and flora of the different areas of the proposed Indus Blind Dolphin Biosphere Reserve. In this regard, a team of researchers and supporting staff including Dr. Khalid

Mahmood, Director ZSD; Dr. Syed Aneel Ahmad Gilani, Associate Curator, BSD; Mr. Rafaqat Masroor, Associate Curator, ZSD; Mr. Mishkat Ullah Associate Curator, ZSD; Mr. Doost Ali Nawaz, GIS Analyst, Snow Leopard Foundation; Mr. Syed Munir

Shah, Collection In-charge, PMNH (worked as video Cameraman) and Mr. Ibad-ur-Rehman, Senior In-charge Embalming, ZSD visited various areas of the proposed Biosphere Reserve. They visited the Chashma Barrage, Taunsa Barrage, Guddu

Barrage and Sukkur Barrage area from 20<sup>th</sup>-25<sup>th</sup> November 2017. The team also conducted various meetings with the potential stakeholders like the Fisheries and Wildlife departments, Fisherman Organizations and the NGO's.



## Establishment of Indus Blind Dolphin Biosphere Reserve Consultative Meetings Held with Provincial Stakeholders

**Peshawar:** A consultative meeting by the PMNH team with the provincial stakeholders was held on 28<sup>th</sup> November 2017 at Peshawar. The meeting delegation was comprised of Dr. Muhammad Rafique, Secretary National MAB Committee/ Director General, Pakistan Museum of Natural History (PMNH); Mr. Ashiq Ahmed Khan, Scientific Advisor, EvK2CNR; Dr. Khalid Mahmood, Director Zoological Sciences Division, PMNH and Mr. Shafqat Abbas, Section Officer/ Focal Person MAB Pakistan, Ministry of Climate Change (MoCC). The Khyber Pakhtunkhwa (KPK) government provincial delegation

was comprised of Mr. Syed Nazar Hussain Shah, Secretary Forest, Environment and Wildlife KPK; Mr. Safdar Ali Shah, Chief Conservator KPK Wildlife Department; Mr. Kifayat Ullah Baloch, Section Officer (Technical), Department of Forest Environment and Wildlife KPK. Dr. Muhammad Rafique apprised the provincial authorities about the concept and objective of establishment of the Indus Blind Dolphin Biosphere. The Secretary Forest Environment and Wildlife KPK asked various questions about the importance of the said biosphere reserve which were amicably addressed by the Director



General, PMNH. The Khyber Pakhtunkhwa government showed their consent and willingness for the establishment of Indus Blind Dolphin Biosphere Reserve. They also ensured to endorse the dossier and the management plan.

**Lahore:** The consultative meeting at Lahore was held on 14<sup>th</sup> November 2017 at Forest, Wildlife & Fisheries Department Lahore. A 5-member experts team from Islamabad including Dr. Muhammad Rafique, Secretary National MAB Committee/ Director General, Pakistan Museum of Natural History (PMNH); Mr. Ashiq Ahmed Khan, Scientific Advisor, EvK2CNR; Dr. Khalid Mahmood, Director Zoological Sciences Division, PMNH; Mr. Muhammad Asif Khan, Associate Curator ZSD, PMNH, Mr. Mishkat Ullah, Associate Curator ZSD, PMNH and Mr. Shafqat Abbas, Section Officer/ Focal Person MAB Pakistan, Ministry of Climate Change (MoCC), participated in the meeting. The meeting was chaired by Mian Waheed-ud-Din, Secretary, Forest, Wildlife and Fisheries Punjab. The senior management of the said department also participated in the meeting. Dr. Muhammad Rafique Secretary National MAB Committee/ DG, PMNH gave two presentations and briefed about MAB programme and need for establishment of Indus Blind Dolphin Biosphere in Pakistan.

He also briefed the Chair and other provincial management about the importance of provincial endorsement regarding Biosphere Reserve declaration. The secretary highly praised the efforts of the PMNH and MAB programme for declaration of Indus Blind Dolphin Biosphere Reserve and ensured his full cooperation for the dossier endorsement.

**Karachi:** A delegation including Dr. Muhammad Rafique, DG PMNH/Secretary National MAB Committee; Mr. Ashiq Ahmed Khan, Scientific Advisor EvK2 CNR and Mr. Shafqat Abbas, Section Officer (IC) MoCC conducted the consultative meeting at Department of Forest & Wildlife, Government of Sindh on 21<sup>st</sup> November 2017. The meeting was chaired by Mr. Asif Hyder Shah, Secretary Forest & Wildlife, Government of Sindh and was also attended by Mr. Taj Muhammad Sheikh, Conservator Wildlife Sind. Dr. Babar Khan, Regional Head Sindh & Baluchistan WWF and Ms. Humera Aisha Manager Wildlife WWF Karachi also participated in the meeting. The meeting was very successful and Secretary Forests and Wildlife, Sindh ensured his cooperation for establishment of the Indus Blind Dolphin Biosphere Reserve in Pakistan. He also added that his team will assist PMNH and MoCC in this regard.

## 12,258 Persons Visit PMNH in November

A total of 12,258 persons including 4,216 students, 3,586 general public, 21 foreigners and 4435 children under 5-year of age visited the Museum galleries in November, 2017. The students of following main educational institutions visited PMNH: JSP School & College Rawalpindi, The Smart School Kahuta, Jammu Kashmir College AJK, Public High School & College Faisalabad, Pakistan Science High School, Sialkot, Arqam House Foundation School Gujranwala, Baconhouse School System Rawalpindi, Moon Light School Sohawa, Govt. GMS Higher Secondary

School AJK, Gujranwala Public School Gujranwala, IMCG, N.H.C Islamabad, Guide line Science Shool Gujranwala, Smart Minds School Haripur, Islamic Education Academy Gujrat, M.C Model High School

Gujranwala, Quaid-e-Azam University Islamabad, Nusrat Jahan Academy Chenab Nagar Chiniot, City Grammar High School Gujranwala, Iqra Public High School Gujranwala, Virtual Grammar School Sialkot, Punjab School System

Faisalabad, R.B Model School Gujranwala, Al Shamas Public High School Faisalabad, NJA Boys Chenab Nagar, Chiniot, Fotan Central School, Ujala College Lahore, Forest Department School Muzaffarabad.



## Fossils of Giraffe Found in Jhelum

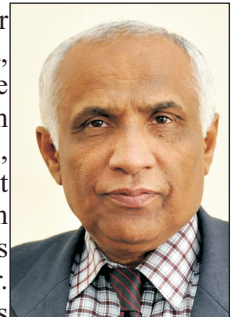
A team of PMNH geologist found Giraffe fossils of the Pliocene age, i.e., 5.333 million to 2.58 million years before present (Temporal range: 20-0 million years) from Dhok Pathan Formation of Pabbi Hills, Jhelum District. The Giraffidae are Artiodactyl mammals that shared a common ancestor with deer and bovids. There are only two living members, the giraffe and the



okapi, one with long slender shape bone and other with robust bones. They are evolved from Late Miocene Climate change that changes grass lands into forests. The fossil of the last Maxilla P3-4 is displayed at PMNH display gallery.

## Obituary

Dr. Muhammad Khan Leghari, Ex-Director General PMNH passed away in Madina, Saudi Arabia on November 30, 2017 at the age of 61 years. He was in Saudi Arabia to perform Umrah. Dr. Leghari was born on April 02, 1957 at village Jaffer Khan Leghari, district Sangher, Sindh. He joined PMNH as Research Associate on May 06, 1981 and retired as Director General on March 01, 2017. Dr. Leghari was author of many research articles and technical reports and produced many M.Phil and Ph.D students. He served PMNH for a period of about 36 years.





# Pakistan Scientific & Technological Information Centre (PASTIC)

Editor: Obaid Anwar

## Training workshop on “Mendeley Tool” at PASTIC

In order to enhance the research capabilities and to inculcate modern thesis writing trends in researchers, PASTIC regularly organizes training workshops



Participants receiving certificates after completion of Mendeley tools training at PASTIC

on Mendeley. Currently PASTIC organized a training workshop on “Make your research life easier with Mendeley Tool” from 22-23rd November, 2017 at PASTIC National Centre, Quaid-e-Azam University Campus, Islamabad.

The objective of this workshop is to build the capacity of young researchers and to enhance their skills in literature search, citation, sharing and discovering of new research.



Lab view of the participants with resource person Dr. Maryium Ibrar Shinwari during Mendeley tools training at PASTIC



Group photo of participants of workshop of Mendeley tools at PASTIC

The workshop included practical sessions where in an opportunity was provided to learn and practically use different features in Mendeley application starting from creation of Mendeley account to insertion of bibliography in MS Word application.

Dr. Maryum Ibrar Shinwari, Senior Scientific Information Officer (PASTIC) and Mendeley Advisor was the

resource person of the workshop. 22 Participants from Quaid-e-Azam University, NUST & Ministry of State & Foreign regions participated in this hands on training workshop. Muhammad Anwar Ejaz, Chief Librarian DRSMIL Quaid-e-Azam University Islamabad was the chief guest at the closing ceremony distributed certificates among the participants.

## PASTIC Signs MoU of Collaboration with Lahore Garrison University

PASTIC signed MoU with Digital Forensic Research and Service Centre, Lahore Garrison University (LGU) on November 22, 2017 at PSF

Auditorium. The MoU is aimed at creating awareness and trainings in safety, responsibility, law-enforcement and reporting to

cyber incidents through promotion of digital forensics and cyber security at national level. PASTIC and LGU joint collaboration will also create job opportunities and will provide trained cyber security workforce to cope rising challenges. It was also

announced that PASTIC and LGU will create a national level committee to evaluate the vulnerabilities in the critical infrastructure of the country and will create a Computer Emergency Response Team to assist the public and private sector.



Ms. Nageen Ainnuddin, Director General PASTIC, signing MoU between PASTIC and Lahore Garrison University, on Cyber Security at PSF Auditorium Islamabad.

### PASTIC Presentation on 3rd Meeting of librarians at HEC

Mr. Saifullah Azim, Principal System Analyst, PASTIC presented the PASTIC Services, activities and achievements to the Executive Director HEC on 3rd meeting of librarians held on 08-11-2017. He highlighted the possible collaboration between PASTIC and HEC to enhance R&D activities at national

level. At the end of presentation, the Executive Director HEC appreciated the PASTIC initiative to build national repository of S&T information. He also constituted sub committees to explore the possible collaboration of PASTIC and HEC to enhance the R&D activities at national level.



## Establishment of National Consortium of libraries by PASTIC

PASTIC has been striving for strengthening of libraries as well as librarians for effective resource sharing by creation of Union catalogue, towards digitization and automation of libraries through trainings and distribution of WinISIS software. A PSDP project of PASTIC entitled "Modernization of PASTIC National Science Reference

Library for Effective Resource Sharing among S&T libraries in Pakistan" has been approved. One of the core objectives of this project is to develop consortium of S&T as well as R&D libraries of Pakistan (CSTRDLP). Through this consortium all the central, national and departmental libraries belonging to universities,



Group photo of the participants of the Library consortium held at PASTIC

### Awareness Seminars for the Promotion of PASTIC Services

PASTIC arranged following two awareness seminars in following Universities:

Quetta: The PASTIC Sub-Center, Quetta arranged a one-day seminar on PASTIC activities at Chemistry Department, Sardar Bahadur Khan Women's University

Quetta on 17th November, 2017. During the seminar, Mr. Faisal Hilal, Assistant Documentation Officer, PASTIC, delivered a presentation on PASTIC Information Services to the students, researchers and faculty members of the department.

A one-day seminar on PASTIC activities was arranged at Zoology Department, University of Baluchistan, Quetta, on November 6th, 2017. During the seminar, Mr. Faisal Hilal, Assistant Documentation Officer, PASTIC, delivered a presentation on PASTIC Information Services to the students, researchers and faculty members of the department.



Mr. Faisal Hilal, Asstt. Documentation Officer, PASTIC, delivering a presentation on PASTIC Information Services at seminar at Chemistry Department, Sardar Bahadur Khan Women's University Quetta.



Mr. Habib Akhter Jafferi, Principal Librarian concluding the discussion session during the consortium.



Librarians participating in group discussion during consortium

National Centres of Excellence and Scientific organization will be abridged to create latest library tools for resource sharing.

In this connection the first meeting of renowned librarians of Pakistan was held on November 01, 2017 at PASTIC, QAU campus, Islamabad. Information professionals from all

provinces attended this meeting. The agenda included current status of library data at institute level, potential risks in the development of the consortia, setting of rules, procedure, responsibilities, guidelines, etc. At the end of this meeting a working committee was constituted which will be responsible for the formulation of rules and regulations for this consortium.

### PASTIC Participates in Digital Pakistan Meeting at Planning Commission

Mr. Saifullah Azim, Principal System Analyst, PASTIC participated in Digital Pakistan meeting organised by planning commission of Pakistan on 2nd November 2017 at planning commission office Islamabad. Meeting was chaired by Ahsan Iqbal Chaudhary, Minister for Planning and Development. He highlighted the importance and initiatives taken by the ministry to transform the Pakistan to digital Pakistan inline with the rising needs of the country.

### PASTIC Services Stalls

PASTIC regularly organizes its service stalls all over the country, wherein PASTIC publications are displayed and membership forms/pamphlets are distributed and the visitors are briefed about PASTIC services. In continuation of this regular activity following stalls were organized during the month of November.

#### Lahore

At department of Mechanical Engineering, University of Engineering and Technology

Lahore on 21st Nov. 2017.

#### Quetta

At department of Chemistry, University of Baluchistan Quetta on 16th Nov. 2017.



Students at PASTIC Services awareness stall at department of Mechanical Engineering, University of Engineering and Technology Lahore

#### Pakistan Science Foundation

Constitution Avenue, Islamabad  
Phone: 9201887, Fax: 9202468  
www.psf.gov.pk  
E-mail: psfsecy@psf.gov.pk

#### Pakistan Museum of Natural History

Garden Avenue,  
Shakarparian, Islamabad  
Phone: 9249239 Fax: 9249240  
www.pmnh.gov.pk

#### PASTIC National Centre

Q. A. University Campus, Islamabad  
Phone: 9248103-04, Fax: 9248113  
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