PNS Holds Seminar on Nuclear Power Scenario at PNRA, Islamabad

A seminar with the topic of “Nuclear Power Scenario” was arranged by Pakistan Nuclear Society on Jan 30, 2016 at PNRA auditorium. Dr. Ishfaq Ahmad, (N.I, H.I, S.I, former Chairman, Pakistan Atomic Energy Commission, was the Guest of Honor while Muhammad Naeem, Dr. Pervaiz Butt, Dr. Ansar Pervaiz, Mr. Anwar Habib, Mr. Parveez Butt and Syed Ziauddin were the speaker and other senior officials from strategic commissions attended the event.

While addressing the seminar Dr. Ishfaq Ahmad said Pakistan nuclear energy program is running successfully on international safety parameters outlined by IAEA. Prior to this Dr. Syed Javaid Khurshid, President PNS, welcomed the honourable guests while shedding the light on the mandate of Pakistan Nuclear Society to promote research and development in nuclear science and technology. Keeping in view this mandate, PNS has started awareness programme by arranging seminars and today’s seminar is first of its series. He added that PNS is looking forward to develop a Scientific Advisory Board on the lines of American and European Nuclear Societies. He hoped that in future PNS will become effective in dealing the climate change issues and will be a strong transmitter of Nuclear Scientific information for the industry and academic world.

Mr. Muhammad Naeem, (H.I, S.I), Chairman Pakistan Atomic Energy Commission, while giving presentation on PAEC civil nuclear programme 2030 & beyond said that since 1975 Pakistan in collaboration with China has started nuclear energy program. He told that PAEC have excellent integrated power planning, waste management techniques, operations and maintenance, Quality assurance, Human resource development. His presentation covered nuclear power generation aspects and future strategy to face the energy challenges. While giving a presentation on Nuclear energy scenario worldwide Dr. Ansar Parvaiz, (H.I), former Chairman PAEC was of the view that in nuclear energy all stakeholders should play their safety role for nuclear power plants. He said that nuclear renaissance which started from year 2000 made it possible to generate nuclear electric production worldwide. Syed Ziauddin, Member engineering, PAEC, gave a presentation on Indigenisation of
nuclear power reactors and Mr. Anwar Habib, Chairman Pakistan Nuclear Regulatory Authority spoke how effective PNRA is in regulating nuclear safety laws in Pakistan as a representative of IAEA.

The seminar was arranged to generate deliberations among scientists and researchers associated with this field. A large number of scientists, researchers and academicians attended the seminar.

Seminar on “Peaceful Application of Nuclear Technology” at Karachi

On February 27, 2016 a seminar title “Peaceful application of nuclear technology” was arranged by Pakistan Nuclear Society at Jinnah Hospital, Karachi. President Pakistan Nuclear Society, Dr. Syed Javaid Khurshid, in his welcome address said that Nuclear Industry has a big stake in climate change mitigation, politics and policies and scenario. Environmentally, Nuclear is low carbon source of energy and can help avoid CO₂ emission while providing a constant large scale power supply. He also said that the nuclear techniques impact on improvement of crop varieties especially wheat variety leaving an impact of 10% increase in produce.

Former Chairman PNRA, Dr. Jamshed Hashmi while addressing to the scientists and researchers in the seminar said that in Pakistan safety and environmental regulations are being practiced as per international norms and standards of IAEA and Pakistan Nuclear Regulatory Authority is working as watchdog of IAEA in Pakistan. He also lauded the efforts of Pakistan Nuclear Society and emphasized to play more active role to disseminate scientific knowledge.

The daylong seminar was organized by Pakistan Nuclear Society to promote research & development in nuclear science, technology and allied disciplines and to develop awareness about the peaceful
application of nuclear science and technology for public welfare in areas of power, agriculture, medicine and industry.

The speakers of the seminar gave detailed presentations on the different aspects of Nuclear Energy in Power Production, Agriculture, Medicine and Oncology and strict and efficient compliance with international safety procedure involved in these fields.
The seminar was held in four different sessions covering the topics of Contribution of Nuclear Energy in Power Generation & Techniques in Agricultural Development, Evolution of Nuclear Medicine Instrumentation, Evolution of Radiotherapy Equipment and Sterotactic Radio Surgery, Nuclear Oncology, an Overview, Cancer Screening Programs and Preventive Oncology, an overview.

Seminar on “Peaceful Applications of Nuclear Techniques” at MINAR, Multan

In continuation with its scientific dissemination activities Pakistan Nuclear Society has organized a daylong seminar in collaboration with MINAR with topic of “Peaceful Applications of Nuclear Techniques” at MINAR auditorium, Nishtar Hospital Multan on March 19, 2016. People from different walk of life including scientists, researchers, academicians and doctors gathered to know the peaceful applications of nuclear techniques.

Dr. Durr-e-Sabih, Director MINAR in his welcome address thanked all participants for their participation. He said that he is indebted to PNS to hold such an informative and interesting seminar here at MINAR. He reiterated that MINAR team is ready to provide all out support in holding such kind of informative seminars for the dissemination of knowledge. He also lauded the efforts of Pakistan Nuclear Society to disseminate scientific knowledge.

President Pakistan Nuclear Society Dr. Syed Javaid Khurshid in his address said that at present we are treating about 1.2 million patients at about 30 cancer facilities in the country but as occurrence data (4/1000/year) tells us we need about 30 more facilities to cater all the cancer patients in the country. He emphasized to the public & private sector to enhance Tertiary health care facilities in the country to deal with this alarming scenario.
He said that PNS is at final stages in establishment of “Scientific Advisory Board” on the pattern of American and European Nuclear societies. The purpose of formulation of this board to work as think tank. This board will consist of about 25 renowned scientists and researchers of Pakistan who have spent all their life in development of nuclear science and technology in Pakistan.

The daylong seminar was organized by Pakistan Nuclear Society to promote research & development in nuclear science, technology and allied disciplines and to develop awareness about the peaceful uses of nuclear techniques for public welfare in area of medicine.

The speakers of the seminar gave detailed presentations on the different aspects of nuclear techniques in Medicines and Oncology. The seminar was held in four different sessions covering the topics of Prevention of Inherited Diseases, Next Generation Sequencing and Medical Sciences, 3-D laser printing in Medical Sciences, Demographics of Cancer & Importance of Cancer Registry, Basic Concept of Cancer Screening, Future Trends in Nuclear Medicine, Future of Medical Imaging, Current Trends in Radiation Therapy, Personalized Cancer Treatment, Cancer Survivorship and Quality Assurance in Radiation Medicine.