Nov. 26-28, 2012

**International Conference on Radiation, Cancer and Society at NGBU**

An International Conference on Radiation, Cancer and Society (ICRCS-2012) was organized by Nehru Gram Bharati University on November 26-28, 2012 at VigyanParishad Auditorium, Allahabad. Delegates from Germany, France, USA, UK, Canada, Japan, South Korea were invited. More than 400 delegates from India and abroad participated in the conference. Inauguration function was held on December 26, 2012 which was presided by Hon’ble Vice Chancellor of the University, Prof K P Mishra. Hon’ble Chancellor, Shri J. N. Mishra in his address highlighted the Vision, Mission and Objective of the University. He stated that major objective of the University consists in empowering the rural young students by promoting their talent and creativity. He expressed his resolve to fulfil the dream of Late Pt. JawaharLal Nehru, the first Prime Minister of India, by empowering the rural population through quality education. The chief Guest, Prof. W. Selvamurthy, Distinguished Scientist and Chief Controller, Research & Development, DRDO, New Delhi, Ministry of Defence, Govt of India inaugurated the conference and delivered his keynote lecture. He has advised that University should focus on quality research on relevant topics. He praised the theme of the Conference and outlined the relation between radiation and cancer with relevance to health of people in society. He highlighted the achievements of INMAS (Institute of Nuclear Medicine and Allied Sciences), a sub division of DRDO with reference to radiation and cancer biology and the long collaboration that existed between INMAS and BARC under the leadership of Prof KP Mishra, then Head of Radiation Biology and Health Sciences Division of BARC. He said there is an urgent need for a Radiation Biological
Dosimeter Centre in the North India. He congratulated that NGBU has attained greater height in very short span of time and have all the credential to become Centre for Excellence under the dynamic leadership of Vice Chancellor. Prof. Yoshihisa Matsumoto of Tokyo Institute of Technology, Japan has delivered talk on Fukushima Daiichi Nuclear Power Plant accident from the angle of Radiation Biology and Health. Prof. MohiRezvani, of University of Readings, U.K., participated in the function and chaired a scientific session.

Prof. K.P. Mishra, Chairman of the Conference and Vice Chancellor of NGBU delivered his Presidential address with a greetings to the delegates and participants from India and abroad. He outlined the major focus of the Conference and stated that it is intended to discuss the new understanding of causes and cures of cancer and possible direct benefit to society in terms of diagnosis and therapy of cancer patients. He highlighted the on-going research work in Radiation and Cancer Biology at NGBU and invited young researcher to participate in the research projects. He explained the advantages of radiation technology and their role in developing effective various applications in chemotherapy, agriculture and biotechnology. Prof. Mishra emphasized the diverse possibilities of research and development in the area of ATOM FOR PEACE with implications to human health and public welfare. Convenor, Dr. Nandani Goshwami briefed about the Conference.

Inauguration of Conference Proceeding, Abstract Book and Souvenir has carried out by the distinguished delegates. Dr. P.K. Tiwari, Registrar, NGBU has given vote of thanks and congratulated to all organizing committee members including, Dr. Abhimanyu, Dr. Akash, Dr. Rudra Ojha, Dr. Renu Pandey, Prerna Sharma, Prabodh Meher, Renu Dayal and Amrita Singh. Secretary Shri Manish Mishra has taken care of all managerial tasks to make the event memorable and grand success.

Three technical sessions has followed by a Cultural program on the first day of the conference.

In the technical sessions, Prof. Matsumoto, Tokyo Institute of Technology, Japan has continued his talk on Fukushima Daiichi Nuclear Power Plant Accident from the Aspect of Radiation Biologist and explained the pros and cons of Nuclear energy used for Power generation. Prof. Mohi Rezvani, University of Readings, U.K., delivered talk on Treatment of Radiation-Induced Normal Tissue Damage by the use of nano technology/Stem cell therapy. He explained the role of adult stem cell obtained from bone marrow or adipose tissue for the treatment of radiation induced
lesions of normal cells. Prof. B.N. Pandey, (H.O.D, Radiation Biology and Health Sciences Division, Bhabha Atomic Research Centre) has delivered interesting and informative talk on the subject “Differential Effects of low and high dose of radiation in directly irradiated and bystander cells with relevance to radiation risk assessment”.

Prof. S.P. Mishra from Dr. Ram Manohar Lohia Institute of Medical Sciences, Lucknow, has briefed “Emerging Glimpses of BIOART (Biologically Adoptive Radiotherapy) in the diagnosis and treatment of Cancer. He has highlighted the advanced diagnostic tools used in diagnosis and prognosis of the disease. Prof. S.I. Rizvi from University of Allahabad has delivered talk on anti-aging effect of tea polyphenols, he has emphasized for the use of pluripotent drug candidates are more promising agent for the treatment and management of Cancer. Prof. R.K. Purohit from Radiation Biology Laboratory, Govt. Dungar College, Bikaner has elaborated the “Protective effect of Emblica officinalis against Radiation and Lead induced changes in the kidney of Swiss albino mice”. Prof. Om Pal Singh has delivered talk on “environmental impact of radiation from nuclear Power”. Prof. Anita Verma has given talk on application of Nanotechnology for the diagnosis and treatment of Cancer.

**Cultural Program:**

Cultural program has been organized by Music Department of the University. Justice Girdhar Malviaya was the chief guest at the event. Students from Music department of NGBU has performed several instrumental and dance program during the function. Other various cultural program including Antakshaari, Debate on the current issues and various instrumental performances was organized during the event.

**Young Scientist Awards:**

Mrs. Reeta Tiwari from BARC-Mumbai has been awarded first prize for her presentation entitled “Radiation enhances the cytotoxic effect of Betulinic acid in human breast carcinoma cell lines” under Young Scientist Category. Miss Renu Pandey of NGBU has received 3rd prize in the same category. Mr. Abhay Puthali from Mumbai University has received appreciation award in the same category.
28<sup>th</sup> January, 2013

**Rally by NGBU for Spreading awareness of “Keeping Holy Ganga Clean” among Mela Visitors**

A Rally by NGBU was organized on 28<sup>th</sup> January, 2013 in Magh Mela on “Ganga Swakchata”. The Rally started from Camp of Nehru Gram Bharati University in the Magh Mela to a site near Sangam for spreading awareness of steps and precautions to be taken at various levels by the people to keep the holy Ganges clean and pure as ever. Banners, posters and various slogans by Students of NGBU were conspicuous to many of the Mela visitors during their path of march. On this occasion Mr. Manish Mishra, Secretary, Nehru Gram Bharati, Dr. Gyanesh Kumar Trivedi (HOD), Dr. Amit Kumar Rai of Deptt. Of Social Work, NGBU also participated.
08th May, 2013

PROF K.P.MISHRA INVITED IN THE CONFERENCE IN BEIJING, CHINA

The 3rd Asian Congress of Radiation Research (ACRR 2013) is being held during May 10-13, 2013 at Beijing, P.R.China. The Conference is organized by Asian association of Radiation Research (AARR) in collaboration with China Committee for Radiation Research, National Institute for Radiological Protection and Chinese Society of Toxicology.

Prof K.P.Mishra, Vice Chancellor of Nehru Gram Bharati University (NGBU) and a former Senior Scientist and Head of Radiation Biology and Health Sciences Division of Bhabha Atomic Research Center (BARC), Mumbai has been invited to deliver a plenary talk in this conference. He will also chair a scientific session. The theme of the Conference is to provide a forum for international cooperation and active discussions and sharing of new knowledge by scientists on health effects of nuclear radiation. It may be noted that concerns for public health and human safety to ionizing radiation are drawing increasing attention after Fukushima Nuclear Disaster in Japan in 2011. From this backdrop, the Conference in China is highly significant which aims to assess scientific progress and address the much debated public health hazard of nuclear radiation after nuclear events and accidents.

Prof Mishra is internationally well known and highly acclaimed for his expertise and experience in radiation health effects and measures for protection of public from hazardous effects of ionizing radiation. He will deliver a talk highlighting new developments in the understanding of radiobiological research related to human health and environment. He will address the questions of radiation safety to the affected population taking into account the new questions raised after Fukushima nuclear disaster that occurred in March 2012 in Japan and will outline the lessons that can be learnt from Fukushima nuclear accident.

Prof Mishra is the Vice President of Asian Association of Radiation Research (AARR) which has its Head Quarter in Tokyo, Japan. Radiation researchers from major Asian countries such as Japan, South Korea, India, China, Mangolia, Malasia, Indonesia, Taiwan, Thailand, Sinagopore and others including a few scientists from USA, Australia, Europe and Russia have been invited in this Conference.