

NATIONAL SEMINAR ON RADIATION PROTECTION

&

WORKSHOP ON QUALITY ASSURANCE
IN DIAGNOSTIC RADIOLOGY



CONFERENCE OF
ASSOCIATION OF MEDICAL PHYSICISTS OF INDIA
(NORTHERN CHAPTER - 2008)



8 - 9 - 10 FEBRUARY - 2008

SOUVENIR



Organised By: **Gandhi Medical College, Bhopal**

From the Desk of Organising Secretary



Dear Colleagues,

It is in deed a matter of great feelings & pride to organise a "National Seminar on Radiation Protection in conjunction with Workshop on Quality Assurance in Diagnostic Radiology." This occasion is befitting to the policies of Govt. of Madhya Pradesh which has recently taken initiative to create a Directorate of Radiation Safety. This Directorate would be responsible for evolving policies and guide lines for implementation of regulatory norms and radiation protection rules applicable in medical applications of Ionising Radiation. This seminar being organised during 8 - 10th February 2008 would help the participatns to quench their thirst of knowledge in the field of Radiation Safety and improve their work practices in routine work. They would also get opprotunity to familiarize themselves with state of the art technology being practiced in radiodiagnosis, radiotherapy and nuclear medicine.

I would like to extend my hearty welcome to all delegates/ participants and guest speakers to Bhopal, the historical city of lakes. I am confident that the guests would find this academic event to be of immense interest and the deliberations would result into a productive and successful seminar.

With warm regards

A handwritten signature in black ink, appearing to read 'J. P. Sharma', with a long horizontal stroke underneath.

Dr. J. P. Sharma
Secretary - Organising Committee
Director - Radiation Safety, M. P.
Professor- Medical Physics, G.M.C., Bhopal

Dr. Bal Ram Jakhar



RAJ BHAVAN
BHOPAL-462 003

MESSAGE

I am happy to know that Gandhi Medical College is organising a "National Seminar on Radiation Protection & Quality Assurance in Diagnostic radiology". Radiologists & Faculty members of diagnostic radiology from all the country will be benefitted from the scientific digitations of the scientists coming from Bhabha Atomic Research Centre, Mumbai & other eminent Institutions of the country.

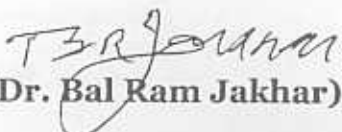
The practical use of X-ray for required part and safe operations of X-ray machine & prevention of unwanted X-ray exposures will be well explained to minimize the radiations hazards. With this the only qualified persons will be able to purchase X-ray machines approved by Atomic Energy Regulatory Board. Safe operations of X-ray machine by qualified X-ray technologist & radiologist will be detailed in their scientific talks.

All Radiologists & Technologist in Radiology will be benefitted with this latest knowledge.

I wish this Seminar & Conference of Association of Medical Physics Northern Chapter a great Success.

I wish to repeat, as I have indicated above, that if X-ray is not needed, it should not be thrust. It is necessary that ethical aspects of use of X-ray should also be kept in view.

I wish the Conference all Success.


(Dr. Bal Ram Jakhar)



Government of Madhya Pradesh
BHOPAL - 462 004

Shivraj Singh Chouhan

January 10, 2008

Chief Minister



Message

I am happy to learn that a National seminar on Radiation Protection & Workshop on Quality Assurance in Diagnostic Radiology is being organized at Gandhi Medical College, Bhopal from 8 to 10 February 2008. Conference of the Northern chapter of the Association of Medical Physicist will be an added attraction.

With increasing awareness among citizens, Radiation Protection and Diagnostic Radiology have assumed greater importance in treatment of various diseases. The seminar will provide an opportunity to experts to share their achievements and experiences. It will be beneficial to young doctors.

Best wishes for the success of the National Seminar and the souvenir being brought out on the occasion.


(Shivraj Singh Chouhan)

अजय विश्नीई

मंत्री

लोक स्वास्थ्य, परिवार कल्याण
एवं भोपाल गैस त्रासदी
राहत एवं पुनर्वास, मध्यप्रदेश



मंत्रालय : 0755-2441361

निवास : 0755-2441022

0755-2430573

बी-10, चार इमली, भोपाल



MESSAGE

I am happy to know that **National Seminar on Radiation Protection & Workshop on Quality Assurance in Diagnostic Radiology** is being organized at **Gandhi Medical College, Bhopal on 8,9 & 10 Feb. 2008.**

All Radiologist, Radiographers, faculty members of Radio diagnosis/ Radiotherapy/ Medical Physics and Surgeons/ Physicians working with X-ray generating units C arm and Cardiac Cath. Labs in Medical Colleges of the State Government hospitals and Medical Colleges and Semi Govt./Private Practicing Radiologists and working in nursing homes having X-ray machines in private sector have been invited for participating in the seminar to take the benefits of knowledge of latest technology for radiation protection for patients public and staff involved in radiations generating X-ray machines. The Scientific deliberation from eminent scientists from Bhabha Atomic Research Center Mumbai and senior professor of Medical Physics from all over the country will give their expertise talks and demonstration to the delegates of the conference. A good number of participants are expected to be benefited from the seminar and workshop.

I wish this National Seminar and workshop a great success,

(Ajay Vishnoi)

To,

Dr. J.P.Sharma
Organizing Secretary,
National Seminar on Radiation Protection
Bhopal

डॉ. गौरीशंकर शेजवार

मंत्री

मध्यप्रदेश शासन

ऊर्जा, चिकित्सा शिक्षा

जैव विविधता तथा जैव प्रौद्योगिकी



B-17, चार इमली, भोपाल

निवास : 2430451
दूरभाष : 2430457
मंत्रालय : 2441813

क्रमांक 1875

दिनांक 22/12/07



संदेश

यह हार्दिक प्रसन्नता का विषय है कि गाँधी चिकित्सा महाविद्यालय में रेडिएशन प्रोटेक्शन और क्वालिटी एश्योरेंस इन डायग्नोस्टिक टेक्नोलॉजी पर राष्ट्रीय स्तर में समावेश तथा कार्यशाला का आयोजन होने जा रहा है।

चिकित्सा क्षेत्र में निदान तथा उपचार पद्धतियों में निरंतर परिवर्तन कर इन्हें परिष्कृत और अधिक गुणवत्ता प्रदान करने की संभावनाएं हैं। इस आधार पर ही हम समय के साथ चल कर लोगों को उपयुक्त स्वास्थ्य सेवा उपलब्ध करा सकते हैं। हमारे चिकित्सकों को इस क्षेत्र में प्रगति के लिए उन सभी तकनीकों के प्रति सचेत रहने और अपनाने के लिए दक्ष होना होगा जो विश्व में नए प्रयोग एवं अनुसंधान से तेजी से विकसित हो रहे हैं।

मुझे आशा और विश्वास है कि इस मौके पर होने वाला चिंतन प्रभावी और परिणाममूलक बनेगा। इसके लिए मेरी हार्दिक बधाई तथा शुभकामनाएं।

(डॉ. गौरीशंकर शेजवार)

प्रति,
डॉ. जे.पी. शर्मा,
प्रोफेसर (मेडिकल फिजिक्स)
गाँधी चिकित्सा महाविद्यालय,
भोपाल।

Tukoji Rao Puar

State Minister
(Independent Charge)



Tourism, Sports & Youth Welfare
Government of Madhya Pradesh

No. *Q-1* /T&SYW/2007

Date: *22-12-07*

MESSAGE

I am pleased to know that "National Seminar on Radiation Protection" and "workshop on Quality Assurance in Diagnostic Radiology" is organizing at Gandhi Medical College, Bhopal by Northern Chapter of Association of Medical Physicist of India on 8th, 9th, & 10 February 2008.

I sincerely hope that the deliberations at the occasion will provide a stimulus for the young Doctors & Radiologists to work in emerging areas of Radiology so that our state may emerge as a front-line state in new technologies. I wish great success to the celebrations.

Tukoji Rao Puar
(Tukoji Rao Puar)

To,
Dr. J.P. Sharma,
Organizing Secretary
Gandhi Medical College,
Bhopal (M.P.)

करण सिंह वर्मा

राज्य मंत्री (स्व. प्रभार)
ग्रामोद्योग, उद्योगिकी एवं खाद्य प्रसंस्करण
मध्यप्रदेश



बी-7, स्वामी दयानंद नगर
(74 बंगले) भोपाल
(म.प्र.) 462003

दूरभाष | मंत्रालय : 0755-2441016
| निवास : 0755-2764580
0755-2441201

क्र. 23 /रा.मं./ग्रा.उ.खा.प्र./

भोपाल, दिनांक 8.1.2008



MESSAGE

I am happy that Gandhi Medical College, Bhopal is organising a "National Seminar on Radiation Protection & Workshop on Quality Assurance in Diagnostic Radiology" from 8-10 February 2008.

All radiologist of the state, faculty member of medical colleges & para medical staff from government hospitals & private x-ray clinics are participating in this seminar. The deliberations of eminent scientists from Bhabha Atomic Research Centre, Mumbai and senior medical physicists will be an eye-opener and expose the participants about latest technology, ideal x-ray machine room, use of AERB approved x-ray machines, importance of quality assurance, and radiations safety devices for the public, patients and staff.

I wish this national seminar & workshop a great success.

(Karan Singh Verma)

Bhupal Singh,
Vice-Chancellor.



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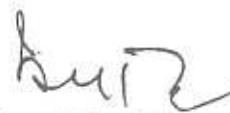
BARKATULLAH UNIVERSITY

Hoshangabad Road, Bhopal-462 026.

MESSAGE

I am pleased to know that "National Seminar on Radiation Protection" and "Workshop on Quality Assurance in Diagnostic Radiology" are being organized at Gandhi Medical College, Bhopal on 8th, 9th & 10 February 2008 by the Northern Chapter of the Association of Medical Physicist of India.

I hope that the deliberations in their sessions will provide a stimulus for the young Doctors & Radiologists to work in the emerging areas of Radiology so that our state may emerge as a frontline state in new technologies. I wish them success.


(Bhupal Singh)

Dr. J.P. Sharma,
Organizing Secretary
Gandhi Medical College,
Bhopal.

डॉ. कमलाकर सिंह
कुलपति

Dr. KAMLAKAR SINGH
Vice-Chancellor



मध्यप्रदेश भोज (मुक्त) विश्वविद्यालय
आई.टी.आई. (गैस राहत) भवन, गोविन्दपुरा, भोपाल 462023
Madhya Pradesh Bhoj (Open) University
I.T.I. (Gas Rahat) Building, Govindpura, Bhopal - 462023 (M.P.)

Date : January 24, 2008

MESSAGE

I have great pleasure in extending best wishes and congratulations to the entire community of Radiologists, Medical Physicists and organizers for *National Seminar on Radiation Protection & Workshop on Quality Assurance in Diagnostic Radiology*, being organized at Gandhi Medical College, Bhopal on 8th, 9th and 10th February, 2008.

I am also pleased to learn that the Ist Conference of Northern chapter of Association of Medical Physicist of India also will be held on this occasion.

I am sure that the deliberation and discussion by the dignitaries will be of mutual benefit and useful for advancement of Radiation Protection. I hope that discussions during this forthcoming Seminar would expose Delegate Radiologists and technical staff working in the field of Radiation in diagnostic radiology to the newer frontiers in the area of Radiation Protection standards.

I wish the organizers a grand success in their initiative in a major thrust area of Medical Science on the occasion of inaugural function of National Seminar.

I extend my heartiest wishes to all the delegates and wish grand success of the Seminar and publication of Souvenir on such important occasion.

(Dr. Kamalakar Singh)
Vice Chancellor

*Dr. J.P. Sharma,
Organizing Secretary,
National Seminar on Radiation Protection,
F-93/19, Tulsi Nagar,
Bhopal - 462 003 (M.P.)*

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Rakesh Sahni

Chief Secretary



Tel : Off: : 2441370

Res. : 2441351

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E-mail:cs@mp.nic.in

Government of Madhya Pradesh
Vallabh Bhavan, Bhopal-462004

Message

I am pleased to learn that a National Seminar on Radiation Protection and a Workshop on Quality Assurance in Diagnostic Radiology is going to be organized at Gandhi Medical College, Bhopal.

While radiology is of great use in diagnosis of various diseases, it has its share of adverse effects on the human body. Despite this the use of radiology is imperative in the larger interest of patients. Yet there is urgent need to minimize the adverse effects of radiology on the human body and efforts are already afoot in this direction.

I hope that the delegates in the workshop and seminar would put their heads together to evolve suitable ways to minimize these effects and to ensure quality in diagnostic radiology.

I wish all success for the event.

(Rakesh Sahni)

Indraneel Shankar Dani
Principal Secretary



D.O. Letter No. 669/PS/SE/07
Government of Madhya Pradesh
School Education Department
Mantralaya, Vallabh Bhavan,
Bhopal-462004
Bhopal, Date 13-12-2007

MESSAGE

I am happy to know that Gandhi Medical College, Bhopal is organizing a **National Seminar on Radiation Protection & Workshop on Quality assurance in Diagnostic Radiology** on 8, 9 and 10 February 2008.

As the use of radio-active materials is increasing in modern medical diagnostic and therapeutic techniques, it is imperative that proper attention is paid to the aspect of radiation safety by the doctors and paramedical staff for the sake of the safety of patients and indeed their own sake. I am sure that the deliberations in this seminar will help the participants to appreciate the concerns in this area and the need to adopt improved practices.

I wish this National Seminar & workshop a grand success.

(Indraneel Shankar Dani)

Madan Mohan Upadhyay
I.A.S.
Principal Secretary



644/PA/PSH/ME
D. O. Letter No.....

Government of Madhya Pradesh

Public health & Family Welfare,
Bhopal Gas Tragedy Relief & Rehabilitation Department,
Mantralaya

Bhopal, Dated 21 Nov. 07

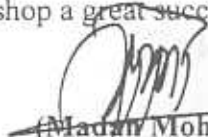
Message

It gives me an immense pleasure to announce here that Govt. of Madhya Pradesh has sanctioned "Directorate of Radiation Safety "(DRS) in Madhya Pradesh under directive of Supreme Court & Department of Atomic Energy, Govt. of India. This unit of DRS will function under atomic energy act 1962 in supervision of atomic Energy Regulatory Board, Govt. of India, Mumbai.

In this contest a "National Seminar on Radiation Protection & Work shop on Quality Assurance in Diagnostic Radiology" is being organized at Gandhi Medical College, Bhopal on 8, 9 and 10th February 2008.

All Radiologist, Radiographers, faculty members of Radio Diagnosis/Radiotherapy/ Medical physics working in Medical Colleges of the state & private sector have been invited for participating in the seminar to take the benefits of knowledge of latest technology for radiation protection for patients, public & staff involved in radiations generating X ray machines. The scientific deliberation from eminent scientists from Bhabha Atomic Research Center Mumbai & senior professor of Medical Physics from all over the country will give their expertise talks and demonstration to the delegates of the conference. A good number of participants are expected to be benefited from this seminar.

I wish this National Seminar & Workshop a great success.


(Madan Mohan Upadhyay)

21.11.07

Vishwa Mohan Upadhyaya
I.A.S.
Commissioner Health Services



Directorate of Health Services
Public Health & Family Welfare Department
Govt. of Madhya Pradesh
5th Floor, Satpura Bhawan, Bhopal (M.P.)
Tel: 0755-2441071, Fax: 0755-2571399
e-mail: commissioner_health@rediffmail.com



D.O. Letter No.

Date 16/1/08

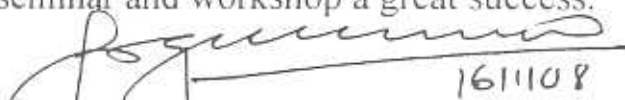
MESSAGE

It is a matter of immense pleasure that Gandhi Medical College, Bhopal is organizing a National Seminar on Radiation Protection & Workshop on Quality Assurance in Diagnostic Radiology on 8, 9 and 10th February 2008.

Radio-imaging is an important diagnostic tool with a definite role in alleviating the sufferings of ailing humanity. Where an advance in diagnostic technology is welcome, it is equally important to protect the patients, radiologists, radiographers and other para-medicals etc. from the ill effects of radiation.

I hope that deliberations in this seminar by eminent scientists and exchange of notes will definitely give a fillip to the knowledge and skills of all participants.

I wish this National seminar and workshop a great success.


16/1/08
(VISHWA MOHAN UPADHYAYAYA)

To,
Dr. J.P.Sharma,
Org. Secretary,
Prof. Medical Physics,
Gandhi Medical College,
Bhopal.

ALKA UPADHYAYA
Commissioner Health



Directorate of Health Services
5th Floor Satpura Bhawan,
Bhopal (M.P.)

Phone : 0755- 2441071 Fax 2571399

D.O. No.
Date : 06-02-08

MESSAGE

Protection from radiation of the personnel engaged in Medical Radio Imaging is of paramount importance in this era of mushrooming growth of diagnostic facilities, albeit, without effective checks and balances. The state government has responded to this issue by establishing a " Radiation Safety Unit" to regulate the radio-imaging equipments and centers as per AERB guidelines.

In this background the organization of a "National Seminar on Radiation Protection and Workshop on Quality Assurance in Diagnostic Radiology" during 8 to10 February 2008 in the state capital is timely.

I am confident that the participants will gain immensely from the deliberations of this workshop and the experience gained will reflect in the improved standard of Diagnostic Radio-imaging, both in the public and private sector.

I wish this workshop every success.


(ALKA UPADHYAYA)

To,

Dr. J. P. Sharma
Org. Secretary,
Prof. Medical Physics,
Gandhi Medical College,
Bhopal.