



# MEDICAL PHYSICS CHRONICLE

*Newsletter of Northern Chapter*

**ASSOCIATION OF MEDICAL PHYSICISTS OF INDIA (AMPI)**

An affiliate of Indian National Science Academy and International Organisation for Medical Physics

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## Editorial



Dear Friends,

I am honored to be entrusted with the task of carrying the Medical Physics Chronicle, the official news letter of AMPI-NC forward and as editor this is my first letter to the readers of this magazine.

As MEDICAL PHYSICS CHRONICLE completes 8<sup>th</sup> year of publication and we peep in to the future, there is a lot to look back. I would like to offer a word of thanks to our readers, contributors and editorial board who have consistently worked hard to make it a very informative and regular news letter. Launching a new news letter for a financially starved organization is no small feat, however, Dr. Pratik Kumar and his team not only managed to run it for 8 years but also added many new features to make it more interesting. My sincere thanks to the whole team.

I do not propose any radical changes at the moment, however, in order to continue to evolve I would like this news letter to shape according to the feedback of the readers and therefore "Readers Forum" will be introduced in the coming editions where readers can give crisp and critical suggestions for the improvement of the magazine. Also any Medical Physicist may use this forum to discuss his/her professional issues (Academic/patient related), which I am sure our more experienced and learned colleagues would love to answer.

Though the use of digital media is one of the most important components of disseminating knowledge among large number of people, yet the paper journal remains popular amongst readers, and therefore I will try that it remains the core output. We would like to disseminate the MPC to as many professionals as possible, to ensure that the resources are being used to their full advantage.

Transparency and accountability are the key words for the current generation. The persons holding the highest office must try to uphold the highest standards of ethics and value system, which the founders have always strived to uphold. One needs to develop trust in institution, in a context where the evidence around is overwhelmingly to the contrary. Privilege of an ordinary member of the association must be respected so that his/her faith is restored in the institution. With the 'dawn of the new year', let us pledge, come what may, we will make every effort to succeed in this direction. We are knocking at the doors of a new year and I am sure in the new year each one of us will understand the true worth of self. Wishing you all a very happy, pleasant and prosperous New Year 2017.

*Nirmal Kumar Painuly*

## ***Message from the Chairman, AMPI-NC .....***

Dear Colleagues,

It is my privilege and honour to address you as a chairperson of AMPI-NC through the Medical Physics Chronicle, a well-established and popular news letter of our chapter. As you hold this issue of the MPC in your hand, you would notice the slightly changed get-up and more than that the new editor in Prof N K Painuly. We at AMPI-NC are confident that the MPC is not only safe in his competent hands but will also achieve greater heights under his dynamic editorship. I also take this opportunity to thank the outgoing editor of MPC Prof Prateek Kumar and all the medical physics colleagues on behalf of the AMPI-NC, for taking the MPC to this level.



Most of you would be aware of the efforts AMPI-NC makes in addressing the issues concerning the practice of medical physics at all possible forums. The last few months have really been full of activities in this regard and AMPI-NC has not lagged behind in working with our national body i.e. AMPI in raising the issues at appropriate levels; be it the issue of eligibility qualification of medical physicists or dealing with the national allied health council draft related to the practice of medical physics or any other such issues. I assure you that we'll continue to strive to take the issues to their logical conclusions.

Our last annual conference was successfully held at BHU, Varanasi in Feb 2016 inviting good participation from the younger medical physicists. AMPI-NC thanks Dr Lalit Agrawal and his colleagues for organizing the conference with such grace and meticulousness. By the time you receive this copy of the news letter, international day of medical physics celebrations at Punjab University, Chandigarh, supported by AMPI-NC would have been celebrated on 07 Nov 2016. Dr Vivek Kumar and his colleagues are working sincerely to make it successful and meaningful. The forthcoming annual conference of the AMPI-NC will be hosted at the University College of Medical Sciences and GTB Hospital, Delhi on 25-26 Feb 2017 for which Dr Ajay Srivastava is the organizing secretary. I am sure all of you will contribute your might to make it a success in terms of academic/scientific contents.

We, at AMPI-NC, consider it our primary responsibility to conduct our activities in a transparent and participatory way to gain confidence and larger participation of our colleagues, especially the younger ones, in the activities of the chapter. Co-operation and support of all the colleagues and their suggestions are invaluable to us. Please keep providing your valuable suggestions/feedbacks and join hands to achieve our mission.

With best wishes and regards,

**(Manoj K Semwal)**

# Results of Medical Radiation Cartoon Contest

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Medical Radiation Cartoon Contest was organised by Medical Physics Chronicle in middle of 2016 and was a great success as far as participation goes. It generated lot of interest and we got a few entries even from professionals like Medical Oncologists and Medical students. There were, in total, 88 entries from 53 participants since multiple entries were allowed. Needless to say that we got entries from all over the country and a few were from the people who are abroad. All entries were coded and sent to 9 judges who rated them against a structured scale. The competition was really tough and entries outstanding giving the judges a tough time. We maintained utmost confidentiality and candidate, judges and the scorer were totally blind to other individuals.

The participants who emerged in combined judgement in order of standing are:

1. Konthoujam Manimala Devi, Medical physicist cum RSO, SPS Hospital, Ludhiana. Co-authors: Saran Raj, Dr. Kamlesh Passi, MOH, Ludhiana.
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3. Saran Raj, Medical physicist, Hanuman Prasad Poddar Cancer hospital, Gorakhpur. Co-authors: Konthoujam Manimala Devi, Dr. Kamlesh Passi, MOH, Ludhiana, Mr. Subash Singh.
4. Sarath S Nair, Medical Physicist, Kasturba Medical College, Manipal University, Manipal.
5. Ashish Binjola, Medical Physicist, Deptt. of Radiotherapy, IRCH, AIIMS.
6. Manindra Bhushan, Sr. Medical Physicist, Rajiv Gandhi Cancer Institute, Rohini, Delhi. Co-authors: Dr. Girigesh Yadav, SK Raman, Lalit Kumar, Ravindra Shende, M. Suhail, Gourav Kumar.
7. Dinesh Kumar, Medical Physics (Resident), Delhi State Cancer Institute, Delhi. Co-authors: Prof. PS Negi, M Sasindran, Mamta Mahur, Varsha Dhargave, Richa Sharma, Anshusingh.
8. Rijin N.T., Medical Physics (Intern), KGMC, Lucknow. Co-authors: Dr. N.K. Painuly, Mr. Vijayakumar Sen.

The FIRST PRIZE of Rs 10,000/- goes to **Ms. Konthoujam Manimala Devi** and SECOND PRIZE of Rs. 7000/- is awarded to **Mr. Saran Raj** since same person can't be given two prizes. Mr. Sarath S Nair and Mr. Ashish Binjola shared the same slot.

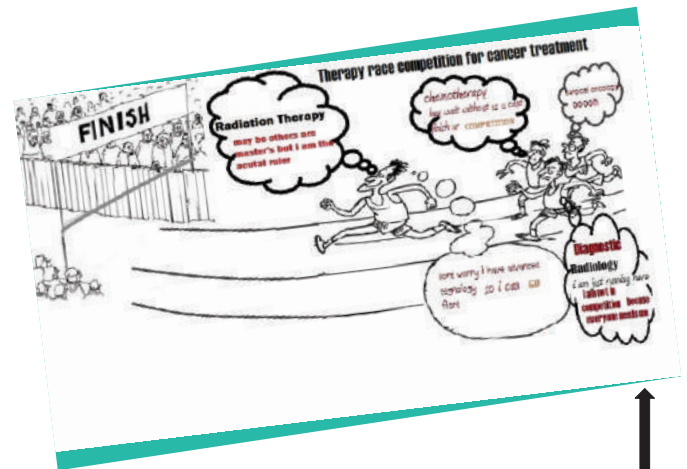
The Judges who carried out this tough and unenviable task voluntarily were: **Dr. Thayalan Kuppusamy**, Chennai; **Dr. Apurba Kabasi**, Kolkata; **Dr. Shobha Jaiprakash**, Mumbai; **Dr. Manoj Semwal**, New Delhi; **Dr. Pankaj Tandon**, Mumbai; **Dr. SD Sharma**, Mumbai; **Ms. S. Saraswathi Chitra**, Chennai; **Ms. Mahua Basu**, Bangalore; and **Dr. Jamema Swamidas**, Mumbai.



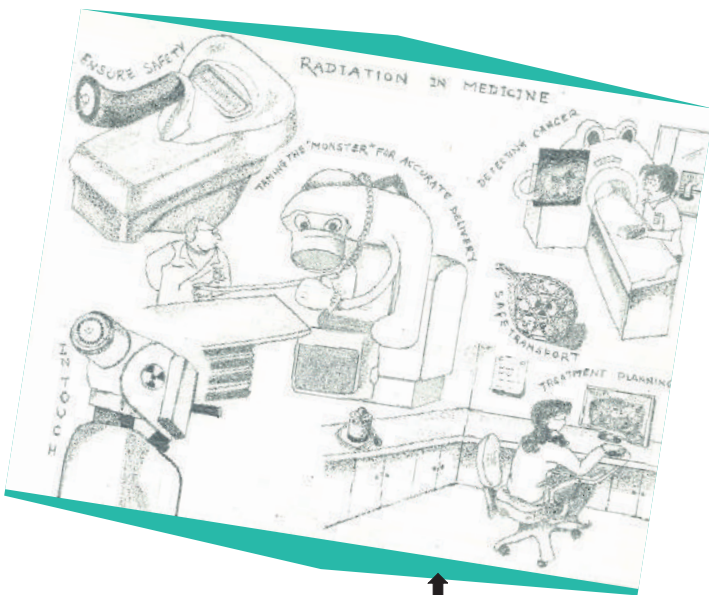
Konthoujam Manimala Devi (First Place)



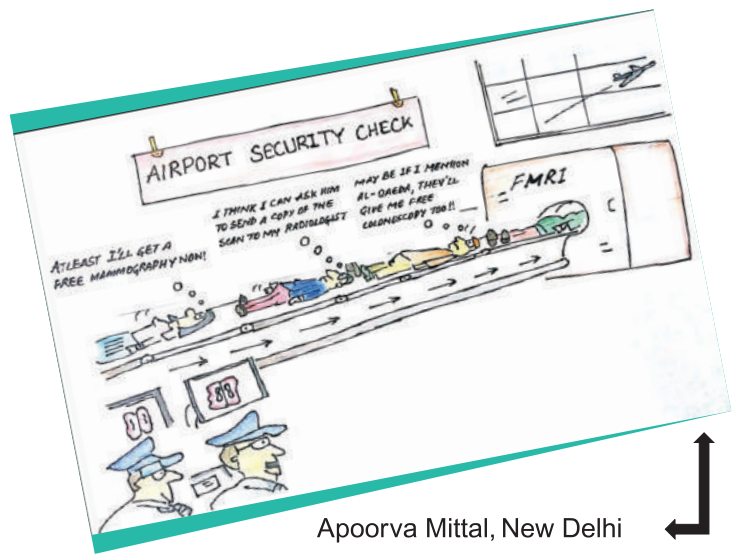
Konthoujam Manimala Devi (Second Place)



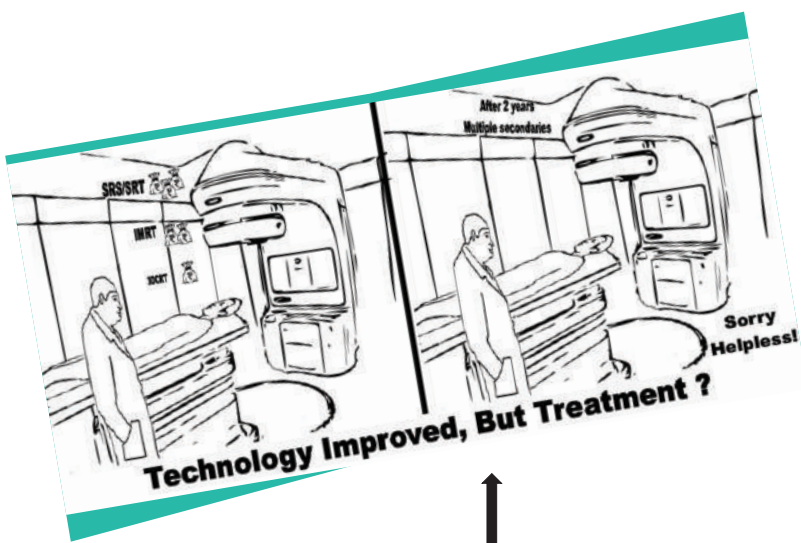
Saran Raj, Gorakhpur (Third Place)



Ashish Ramteke, AERB



Apoorva Mittal, New Delhi



C. Kesavan, Rajahmundry



Ashutosh Sinha, Etawah

# AMPI-NC Activities

## Annual Conference of the Northern Chapter

AMPI-NC-2016 was hosted by Department of Radiotherapy and Radiation Medicine, Institute of Medical Sciences, Banaras Hindu University during February 20-21, 2016. The theme of the conference was "Exploring Diverse Applications of Medical Physics in Cancer Management". Prof. MC Misra, Director, All India Institute of Medical Sciences, New Delhi was Chief Guest of the Inaugural function. Nearly 250 delegates from India and abroad attended this annual event.

Dr NC Singhal oration was delivered by Dr Kamlesh Passi, **MD Oswal hospital, Ludhiana**. Sixty five scientific papers were presented in the conference. The speakers spoke on diverse subjects ranging from Cyber knife, IMRT/IGRT, SRS, VMAT, Brachytherapy, Imaging & Immobilization. There was a special teaching session organized by CMPI for students and budding physicists, which was well attended.



The best paper session was quite interesting in which young physicists presented their research and participants enjoyed the healthy competition for award. Best paper for oral presentation was awarded to Mr Avinav Bharti (ACDTRC, Bhatinda) and Mr Gaganpreet (PU, Chandigarh). The best paper for poster was awarded to Mr Prabhat Krishna (ACTREC, TMH, Mumbai) and Mr Deepak Thapar (RNT Medical College, Udaipur). In the valedictory function Prof Satyjit Pradhan, Chairman Organizing Committee thanked the participants for attending the conference. Prof Arun Chougule, President AMPI and Dr Manoj Semwal, President AMPI-NC thanked the organizers for successfully organizing the conference.

The General Body Meeting on day one was followed by elections for Executive Committee (EC) for the session 2016-18 and the following members were elected for various positions;

Dr Manoj Semwal, Army hospital (R & R), New Delhi (Chairman)

Dr. Subhash Chandra Kheruka, SGPGI, Lucknow (Vice Chairman),

Mr Sandeep Kaushik, BLK Super Speciality hospital, New Delhi (Secretary)

Mr C.P.Bhatt, Batra Hospital, New Delhi (Treasurer).

Other Members of the EC are Mr. Anil Kumar Maurya, Allahabad, Dr. Avinav Bharti, New Delhi, Dr. Devesh Gupta, Jodhpur, Mrs. Mamta Mahur, New Delhi, Mr. Raj K Bisht, New Delhi.

*(Inputs as received from Dr. Lalit M Aggarwal, BHU & Mr Sandeep Kaushik, New Delhi)*

### Major Highlights of Northern Chapter

One day seminar entitled 'Glimpse of Medical Physics' was organized by the Centre for Medical Physics, Punjab University in association with AMPI-NC on 12 Mar 2016. Invited talks from experts of the University, PGIMER, Chandigarh, BLK Hospital, New Delhi, and Army Hospital (R&R), New Delhi besides oral and poster presentations from residents and students of medical physics were part of the celebrations.

## International Day of Medical Physics (IDMP):

### Chandigarh (Punjab)

International Day of Medical Physics (07 Nov 2016) was celebrated at the Centre for Medical Physics, Punjab University, Chandigarh with a rich academic programme. AMPI-NC was happy to support the celebrations that not only helped in spreading awareness about medical physics but also exposed the students of medical physics at the university on many aspects of contribution of physics in medicine and healthcare.

*(Inputs received from AMPI-NC Secretariat)*



### Lucknow (Uttar Pradesh)

Department of Radiation Oncology, Ram Manohar Lohia Institute of Medical Sciences, Lucknow, in Collaboration with Department of Radiotherapy and Department of Radiological Physics, King George's Medical University, Lucknow organised CME on “Image Guided Brachytherapy” on 7th November 2016 at RMLIMS, Lucknow. The IDMP-CME lectures were delivered by Prof. Deepak D. Deshpande, HOD, Medical Physics, TMH, Mumbai and Prof. Umesh Mahantshetty, Dept. of Radiation Oncology, TMH. The CME programme was attended by about 150 delegates.



### Jaipur (Rajasthan)

The Department of Radiological Physics, SMS Medical College & Hospital, Jaipur organized a two day “Conference on Radiation in Healthcare (CRHC 2K16)” during 7-8 Nov, 2016 to celebrate IDMP. The two day scientific programme had several invited talks depicting the role of radiation in medicine by eminent speakers across the country. The Function was inaugurated by Hon'ble Minister of Health & Medical Education, Govt. of Rajasthan Mr. Rajendra Singh Rathore. After the Inaugural function, a rally was flagged off by Hon'ble Minister



depicting contribution of medical physics to healthcare. This was a great opportunity to showcase the contribution of Medical Physics to Healthcare with wide electronic and print media coverage.

The conference started with the video message of IOMP President Prof. Slavic Tabakov emphasizing the importance of IDMP celebration. The Inaugural function was attended by more than 300 delegates from across the country. The Guest of honour, Dr. S. S Agarwal, President Indian Medical Association congratulated Prof. Arun Chougule and staff of the Department of Radiological Physics for organising IDMP at such a large scale and assured all the support from IMA.



## **IDMP Celebration, Jaipur**



## IDMP Celebration, Lucknow

### **Miscellaneous**

1. Prof. Arun Chougule has been awarded prestigious IOMP-IDMP award. The award is given in recognition of excellence in Medical Physics with a particular view of promoting medical physics to a larger audience and highlighting the contributions medical physicists make for patient care.  
Congratulations.....!!!!
2. It is a matter of great pleasure to share the news that Department of Radiological Physics has come in to existence in King George's Medical University, Lucknow (U.P.). The newly created department has 6 faculty members. The department is recognized for Ph.D. programme and faculty members have already been supervising Ph.D. thesis.

### **Reader's Forum**

Here you can interact with your colleagues in resolving professional issues (Academic/work related). You can give suggestions for the improvement of the magazine also. For queries/suggestions please write to us at [radphykgmu@gmail.com](mailto:radphykgmu@gmail.com)