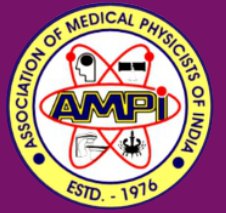




43rd ANNUAL CONFERENCE OF ASSOCIATION OF MEDICAL PHYSICISTS OF INDIA



AMPICON 2022

Theme:

Medical Physics Research and Practice in the Era of Precision Medicine

5th-7th November 2022

JLN Auditorium, AIIMS New Delhi

Organized by : Department of Radiation Oncology, AIIMS, New Delhi



www.ampicon2022.com



Welcome Message

Dear Seniors, Colleagues and Friends,

Warm Greetings from AMPICON 2022 Team!

On behalf of the Organizing Committee, It is our honor and privilege to invite you all to the 43rd Annual National Conference of Association of Medical Physicists of India (AMPICON 2022), which is organized by the Department of Radiation Oncology, All India Institute of Medical Sciences, New Delhi on 05-07th November, 2022 at JLN Auditorium, AIIMS, New Delhi. The theme of the conference is **“Medical Physics Research and Practice in the Era of Precision Medicine”**

Medical Physics is a branch of Applied Physics that uses physics principles, methods and techniques in practice and research for the prevention, diagnosis and treatment of human diseases with a specific goal of improving human health and well-being. Medical Physicists are health professionals and most of them are working as practitioners, scientists and teachers in the field of radiation medicine such as Radiation Oncology, Radiology and Nuclear Medicine to ensure the quality, safety and effective use of radiation for diagnosis and treatment for patient care.

The AMPICON is an annual of conference of Association of Medical Physicists of India (AMPI), which was established in the year 1976 at Bhabha Atomic Research Centre, Mumbai. Currently there are around 3000 members are practicing across the country and also globally. The main objective of AMPI is to advance science of medical physics and to disseminate the knowledge among the members in order to improve the service of patient care to the population of our country.

All India Institute of Medical Sciences (AIIMS) was established in 1956 as an institution of national importance by an Act of Parliament with the objects to develop patterns of teaching in Undergraduate and Post-graduate Medical Education in all its branches in India. AIIMS JLN Auditorium is a centrally located, spacious and well maintained auditorium. It has seating capacity of approximately 700 guests along with conference Hall in the first floor.

Delhi, India's capital territory, is a massive metropolitan area in the country's north. Delhi has many historical monuments like Qutab Minar (the world's tallest brick minaret), Humayun Tomb, Old Fort (Purana Qila), Jama Masjid, Jantar Mantar, Red Fort, Tuglaqabad Fort, Lotus Temple, Rashtrapati Bhavan & India Gate etc. It is surrounded with major IT and cyber hub cities like Gurgaon and Noida. Delhi is counted as the fifth most populated urban area in the world. Delhi has a mixed culture as people of all communities and religions live here.

We welcome you all to India's capital city in the pleasant month of November for what promises to be an exciting scientific feast at the country premier medical institute for AMPICON 2022 at New Delhi.



Dr. D. N. Sharma
Organizing Chairman



Dr. S. D. Sharma
President, AMPI



Dr. V. Subramani
Organizing Secretary



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Director, AIIMS, New Delhi

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Radiation Oncology Physics

Co-Chairman



Prof. Pratik Kumar
Medical Imaging Physics

Scientific Co-ordinators



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Dr. R.K.Bisht



Dr. Seema Sharma



Dr. Ashish Binjola

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Dr. Rambha Pandey
Dr. Ahitagni Biswas

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Dr. Aman Sharma

Dr. Supriya Mallick
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Dr. Manoj Semwal
(RR Army Hospitals,
Delhi)

Conference Highlights

The AMPICON 2022 is uniquely designed to attend delegates from not only across the country, but also around the globe to share their rich content of research and practice in the field of Medical Physics.

The IDMP2022 special symposium is the key highlight of the meeting which will focus on conference theme of **“Medical Physics Research and Practice in the Era of Precision Medicine”**. The scientific program will include various sessions such as plenary, keynote and Invited lectures, panel discussions and debates, quiz program from national and world renowned faculties in the field of Medical Physics including following topics:

Focus on Advanced and Emerging Practice and Research of Medical Physics Perspectives such as:

- Advances in Dosimetry
- Modelling and Simulation
- Monte Carlo Treatment Planning
- Dual-Energy CT, PET-CT, PET-MRI, Quantitative Imaging and synthetic imaging
- Advances in IMRT/VMAT, FFF, SRS/SBRT and 4DRT
- IGRT and ART with MRI-Guided Radiotherapy and PET-Guided Radiotherapy
- Image-Guided Brachytherapy
- Particle Beam Radiotherapy (Proton, Carbon, Dual Particle, BNCT)
- Intra-operative Radiotherapy
- Flash Radiotherapy
- Artificial Intelligence, Big Data and Data Sciences
- Microbeam Radiosurgery
- Cardiac Radiosurgery
- Breast Radiosurgery
- Targeted Radionuclide Therapy
- Nanoparticle-Mediated-Radiotherapy
- Advances in Radiobiology
- Image-Guided Therapy Research
- Translational Research
- Physical Sciences-Oncology

More than 50 International faculties are expected for physical participation.



Registration Details

Category	Early Registration Upto 30 th June 2022	Late Registration 1 st July - 30 th September 2022	On-site Registration
• AMPI Members*	2500 INR	3000 INR	3500 INR
• Non Members	4000 INR	4500 INR	5000 INR
• Associate Delegates	1500 INR	2000 INR	2500 INR
• Senior AMPI Member (60+)**	2000 INR	2200 INR	2500 INR
• Student (Medical Physics)***	1000 INR	1200 INR	1500 INR
• Overseas Delegates	150 \$	200 \$	300 \$

*AMPI Member:- Please mention your Membership ID No.

** Senior AMPI Member:- Please attached Age Proof

***Student:- Please attached your Bonafide Certificate

*Please send duly filled registration form along with DD / Cheque /
Online payment details to Secretariat.*

Conference Secretariat

Dr. V.Subramani

Organizing Secretary-AMPICON2022

Asst. Professor, Department of Radiation Oncology

Room No.230 Second Floor,

Dr. B.R.A. IRCH, AIIMS, New Delhi - 110029

Account Details

Account Name : **AMPICON2022**

Account No : 40930482067

IFSC Code : SBIN0001536

Bank & Branch : **State Bank of India**
Aaims Campus Ansari Nagar, Distt. Delhi,
New Delhi - 110029



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Abstract Submission

Guidelines for Abstract Submission

- Abstracts need to be submitted online from AMPICON2022 Conference website. www.ampicon2022.com
- Last Date of Abstract submission is 31st July 2022.
- Abstract is restricted to 2 submissions per user. You can indicate your preference Oral/Poster during submission.
- As a new user please register with sign-up (please visit registration guidelines in conference website). Once logged-in, please visit Abstracts menu for submitting abstracts
- Abstract titles should be brief and reflect the content of the abstract. Please choose the Abstract Subject matching the abstract. Abstract content should not be more than 650 words. Please key-in/enter the 1. Aim/Background, 2. Materials & Methods, 3. Results, 4. Conclusion in the space/textbox provided.
- Preferably the first author/submitting should be the presenting author. The presenting author is obliged to ascertain that all authors are aware of the content and should be an original work. The authors should ascertain that there is no plagiarism including self-plagiarism
- Author & Co-Author both needs to submit their Affiliation and city in the given columns and do not include titles and degrees.

For more information please visit www.ampicon2022.com or contact us at ampicon2022@gmail.com

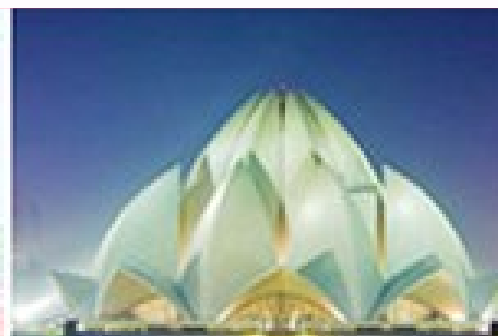
Sightseeing in Delhi



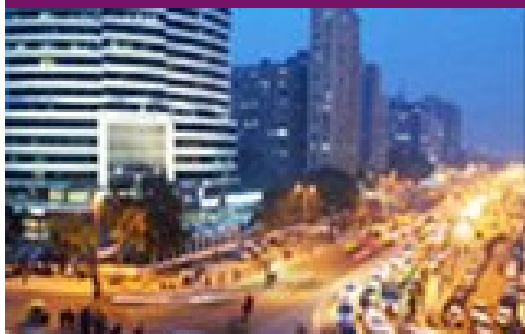
India Gate



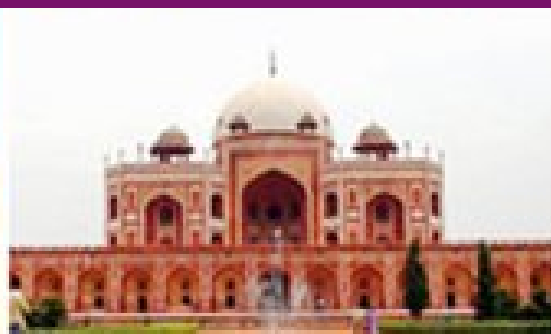
Jantar Mantar



Lotus Temple



Connaught Place



Humayun Tomb



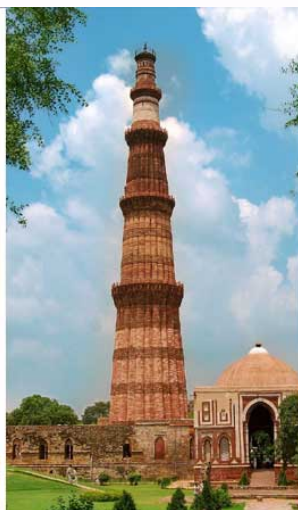
Akshardham Temple

Tours in and Around Delhi

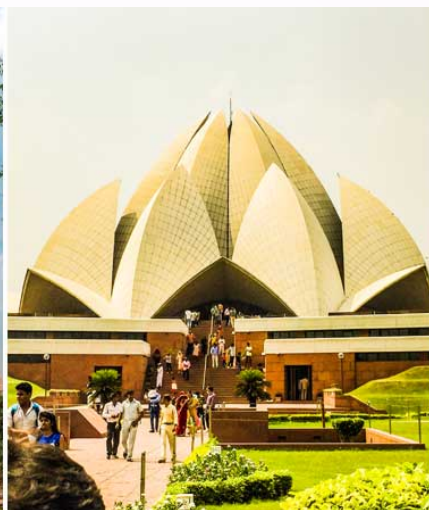
- Half Day Delhi Sightseeing (India Gate/ Red Fort/ Qutub Minar/ Old Delhi)
- Delhi Full Day City Tour
- Full Day Excursion Tour Agra - Taj Mahal
- Mathura & Vrindavan Tour
- Wild Safari - Jim Corbett
- Bharatpur Bird Century - A world Heritage site
- Golden Triangle Tour (01 night Agra - 02 nights Jaipur)



India Gate



Qutub Minar



Lotus Temple



Humayun Tomb



Vrindavan



Jim Corbett



Taj Mahal

For more details please visit:

www.ampicon2022.com

Conference Secretariat

Dr. V.Subramani

Organizing Secretary-AMPICON2022

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Conference Manager



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