

INDIAN ASSOCIATION FOR
RADIATION PROTECTION



ANNUAL REPORT
2023-2024

Annual Report of the IARP for the year 2023-24

Dear Members,

The IARP Executive Committee extends warm greetings to all members.

The Indian Association for Radiation Protection (IARP), established in 1968 by radiation and environmental safety specialists from BARC, continues to promote radiological safety in the use of ionizing radiation in India. Admitted as an Associate Society of the International Radiation Protection Association (IRPA) in 1970, IARP remains an active member of IRPA. Currently, IARP has a wide membership of specialists and users of natural and man-made radiation sources across India.

The activities conducted by IARP in 2023-24 included the publication of the *Journal of Radiation Protection and Environment (RPE)*, training programs, public awareness initiatives, financial support to scientific events, and the launch of new initiatives for young professionals. Highlights of these activities are summarized below:

1. Publication of *Radiation Protection and Environment (RPE)* Journal

The quarterly *RPE* journal continued its publication with support from the editorial board and Wolters Kluwer Medknow for printing and distribution. The journal is available online as an open-access publication, ensuring wider accessibility.

- Three issues of *RPE* were published in the year 2023.
- Senior experts from DAE facilities, universities, and other institutions contributed to peer-reviewing articles.
- Members are encouraged to submit original papers, reviews, and other materials for publication to further enhance the journal's impact.

The archives of the journal from 2010 onwards are available at www.journalonweb.com/rpe. The editorial board aims to obtain an impact factor for the journal, benefiting contributing authors.

2. Public Awareness Programs (PAP)

IARP organized workshops at various colleges under its Public Awareness Program to improve public perception of radiation safety and nuclear energy. These sessions included lectures on atomic energy fundamentals, radiation and environment, and peaceful applications of nuclear energy. Demonstrations of radiation monitoring instruments and an innovative skit titled "Kum Mai Hai Dum" were well-received.

Workshops were attended by 100-150 students and faculty at each venue. A total expenditure of approximately Rs. 6 lakhs were incurred for these activities. Details of the 2023-24 PAP programs are as follows:

S. No.	Date	College Name	Place
1	12/08/2023	Gokhale Education Society's Arts, Commerce & Science College Jawhar, Palghar	Maharashtra
2	19/08/2023	KLE Society's Science & Commerce College, Kalamboli, Panvel	Maharashtra
3	12/09/2023	Shiksha Mandal's Bajaj College of Science, Wardha Wardha	Maharashtra

4	29/11/2023	GNIET Nagpur Nagpur 21 02/12/2023 Balwant College, Vita Sangli	Maharashtra
5	05/12/2023	BNN College, Bhiwandi Bhiwandi	Maharashtra
6	09/12/2023	ASP College, Devrukh Ratnagiri	Maharashtra
7	23/12/2023	Kakatiya University Warangal	Telangana
8	27/01/2024	HRIC College, Khalilabad	Uttar Pradesh
9	29/01/2024	BVPI College, Prasadpur	Uttar Pradesh
10	02/02/2024	Govt. PG College, Deoli	Rajasthan

3. Training Programs by GCTC

The Governing Council for Training Courses (GCTC), in collaboration with RP&AD, BARC, organized periodic training and certification programs for Radiological Safety Officers (RSOs). Over 338 participants attended these programs in 2023-2024, achieving a success rate of 87.54 %. The revenue from training course fees amounted to Rs. 36.50 lakhs, with an income over expenses of Rs. 8.21 lakhs.

4. Financial Support for Scientific Activities

IARP extended financial support to various scientific initiatives, including Rs. 40,000 for a Ph.D. student's participation in an international radon workshop and Rs. 2 lakhs to the Kalpakkam chapter for a two-day theme meeting on "Radiation Metrology and National Standards for Ionizing Radiation." Additionally, Rs. 1 lakh was provided for the IASTA aerosol conference in Mumbai, while Rs. 10,000 supported the publication of a book on Homi Bhabha by the Atomic Energy Retirees Association. Further assistance included Rs. 20,000 each for a nuclear medicine workshop at UC College, Kochi, ARIRT activities, and the organization of the DAE Symposium on CTTC 2024. Funding was also allocated for conducting online lectures.

5. Young Professionals Group and Online Lecture Series

The IARP Young Professionals Group, initiated in 2023, facilitates collaboration among young researchers in radiation protection. Additionally, a monthly online lecture series was introduced.

6. Acknowledgements

The IARP Executive Committee expresses gratitude to members, office bearers, editorial board members, and contributors for their support. We thank the Department of Atomic Energy units such as BARC, IGCAR, AERB, and NPCIL for their consistent backing of IARP activities. Special thanks to the Board of Trustees for their guidance and to our members for their active participation. IARP's financial self-sufficiency through training course revenues is noteworthy, and we look forward to your continued encouragement in future activities.



(S. Anand)
Secretary, IARP