

INDIAN ASSOCIATION FOR RADIATION PROTECTION



**ANNUAL REPORT
2018-2019**

Annual Report of the IARP for the year 2018-19

Dear Members

The Indian Association for Radiation Protection(IARP) Executive Committee conveys greetings to all members. During the period 2018-19, the IARP continued its activities such as organizing extensive training programmes related to safety in applications of radiation and radioisotopes in industry, nucleonic gauges, public awareness programmes, executive committee meetings, publication of "Radiation Protection and Environment" journal etc. These activities are briefly outlined here.

1. The IARP's 'Radiation Protection and Environment' (RPE) journal:

Publication of Radiation Protection and Environment (RPE), the quarterly journal of IARP was continued with the able help of the RPE Editorial Board. The printing and distribution of the journal to the IARP life members has been entrusted to M/s. Wolters & Kluwer India Pvt. Ltd. publications. The process of submission of manuscripts, peer review process, revision of articles, status of acceptance etc., are completely on-line and handled by M/s. Wolters & Kluwers India Pvt. Ltd. In order to ensure, easy access, the RPE journal has been made available on-line. It was decided to print about 300 copies of the journal for distribution to interested members who have updated their addresses. Four issues of the Radiation Protection and Environment Vol. 41 Iss. 1-4 were published during the period. Nearly Rs. 5.6 L was spent towards publication of RPE journal issues. The RPE journal current issues and also archives from the year 2010 onwards are available on-line at the site: www.journalonweb.com/rpe.

The Executive Committee of IARP and the Editorial Board would like to place on record its appreciation to the retired and serving experts from DAE facilities, universities and from abroad, who have contributed to the journal in terms of peer reviewing of the papers. Senior members of the IARP who would like to serve as reviewers may register themselves at the site: www.journalonweb.com/rpe.

All IARP members and the readers are requested to contribute to the journal in terms of original papers, reviews, and materials for publication in News and Information Section of the journal. The submission of manuscripts for publication in the journal can be done online (www.journalonweb.com/rpe). A link to the journal can also be found at IARP website www.iarp.org.in

2. Financial Support

Financial assistance (Rs. 60,000) was provided to Dr. Anand, HPD and Dr. Ramanathan to participate in International Conferences. Dr. Ramanathan participated in AOCRP5 could successfully bid for the next AOCRP in India on behalf of IARP.

3. Public Awareness Programme (PAP)

On several instances, concerns on radiation safety and protection of occupational workers & public from radiation are expressed in the media due to lack of awareness. To address this issue, IARP has been conducting public awareness programmes (PAP) all over India to place facts on nuclear safety and remove myths about ionizing radiation. In continuation of this effort, IARP has carried out the six public awareness programmes at colleges in Maharashtra state during 2018-2019.

One day Public awareness programme on “Peaceful Applications of Radiation” were organized at the following colleges:

- i) Gurunanak Khalsa College, Matunga - 11 Aug. 2018
- ii) Yashwantrao Chavan College, Karad - 15 Sept. 2018
- iii) Motilal Jhunjunwala College, Vashi - 15 Dec. 2018
- iv) G.N. College, G T B Nagar - 19 Jan. 2019
- v) Vivekanand Edu. Soc. (VES) College, Chembur - 16 Feb. 2019
- vi) St. Thomas College, Thrissur – 03 Dec. 2019

During the programme three lectures were delivered on Fundamentals of atomic energy, Radiation and Environment and Applications of nuclear energy for the benefit of humankind. Dr. K. P. Muthe, Shri. Yatin Thakur and team presented an innovative Skit "Kum mai hai dum" which was one of the attractions of the workshop. Radiation Monitoring Instruments were demonstrated in batches to all the students. The workshops were attended by both Undergraduate and Postgraduate students (100-150 nos) and teachers of nearby colleges.

IARP provided financial assistance of Rs. 25,000/- to Navi Mumbai Science Foundation for conducting a half day seminar on “World Nuclear Day – 2016” on 3rd of Dec 2018, the anniversary of the first criticality of the first reactor constructed by the famous American Scientist Enrico Fermi. The program was jointly organized by Navi Mumbai Science Foundation (NMSF), Karmaveer Bhaurao Patil College (KBPC) in association with the Maharashtra Academy of Sciences and IARP supported it as a part of its public awareness program.

Nearly Rs. 5.43 L was spent towards organizing the above mentioned PAPs.

4. Training Programmes conducted by GCTC, IARP:

Governing Council for Training Courses (GCTC) of IARP continued the training programme in collaboration with the RP&AD, BARC. A total of twelve training courses were conducted during the financial year and the total amount collected towards fees was ~Rs.29 L. Expenses towards the training course is shown in the balance sheet. About 400 candidates participated in the various training programs from various institutions and companies

attended and completed the courses. The training courses were coordinated by Dr. R. Kannan and Dr. P. K. Gaur with the cooperation with many resource persons taken from serving and retired IARP life members.

TRAINING CALENDER DURING April 01, 2018 – March 31, 2019

Sr. No.	Title of the Course	Duration	No. of participants
1.	Radiation Safety Aspects of Nucleonic Gauges NG – 154(9-days)	Apr 16 - 24, 2018	36
2.	Radiation Safety Aspects of Nucleonic Gauges NG – 155(9-days)	May 14 – 22, 2018	40
3.	Radiation Safety Aspects of Gamma Irradiation Chamber GIC - 05(Category –I Irradiators)	Jun 11 – 19, 2018	22
4.	Radiation Safety Aspects of Nucleonic Gauges NG – 156(9-days)	Jul 09 – 17, 2018	42
5.	Radiation Safety Aspects of Nucleonic Gauges NG – 157(9-days)	Aug 06 – 14, 2018	39
6.	Radiation Safety Aspects of Nucleonic Gauges NG – 158(9-days)	Sep 04 – 12, 2018	38
7.	Radiation Safety Aspects of Nucleonic Gauges NG – 159(9-days)	Oct 08 – 16, 2018	38
8.	Radiation Safety Aspects in Res. Application of Ionising Radiation RA-50 (8-days)	Nov 12 - 20, 2018	33
9.	Radiation Safety Aspects of Nucleonic Gauges NG – 160(9-days)	Jan 21-29, 2019	40
10.	Radiation Safety Aspects of Nucleonic Gauges NG – 161(9-days)	Feb 11 – 19, 2019	32
11.	Radiation Safety Aspects of Nucleonic Gauges NG – 162 (9-days)	Mar 11 – 19, 2019	34
Total			394

A sum of Rs. 2.4 L has been paid as General Service tax for all the courses conducted by IARP during 2018-2019.

5. Instruments:

The radiation survey meters in the low, medium and high ranges (eg. $\mu\text{R/h}$, mR/h and R/h) procured by the IARP Governing Council on Training Program (GCTC) were extensively used in the public awareness programmes and training programmes conducted by GCTC.

6. EC meetings:

Four EC meetings were conducted during the period 1/4/2018 to 31/3/2019. IARP paid the annual membership fees to IRPA @ \$ 1.5 per member for 300 active life members. Total 18 new life members registered during this year (2018-2019).

9. Acknowledgements:

IARP acknowledges with gratitude the support extended by various units of the Department of Atomic Energy such as, BARC, IGCAR, AERB, NPCIL for supporting various activities of IARP. The Executive Committee of IARP thanks Chairman, Board of Trustees and all the Members of the Board of Trustees for their valuable guidance. The Executive Committee takes this opportunity to thank all members, office bearers, editorial board members, advertisers, sponsors and all those who contributed for the smooth functioning of the Association. It must be mentioned that the IARP has achieved financial self sufficiency through the funds generated by the training courses. Last but not the least a special thanks to each member for the interest and participation in all the activities of IARP. We sincerely request your continued support and encouragement in all the future IARP activities.

(Pramilla D. Sawant)
Secretary, IARP

The Trustees
Indian Association for Radiation Protection
Radiation Safety System Division,
BARC, Mumbai – 400085.

Report on the Financial Statements

We have audited the attached financial statements of Indian Association for Radiation Protection, which comprise the Balance Sheet as at March 31, 2019, and the Income and Expenditure Account for the year then ended, and a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position and financial performance. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessment, the auditor considers internal control relevant to the Society preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Society's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimate made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statements read with Significant Accounting Policies and other notes forming part of financial statements give the information required in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India:

- a. In the case of the Balance Sheet, of the state of affairs of the Trust at March 31, 2019
- b. In the case of the Income and Expenditure Account, of the excess of income over expenditure of the Trust for year ended on that date.



Report

1. We report that:

- a. we have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit;
- b. in our opinion, proper books of account have been kept by the Trust so far as appears from our examination of those books;
- c. The Balance Sheet and Income and Expenditure Account dealt with by this Report are in agreement with the books of account;
- d. In our opinion, the Balance Sheet, Income and Expenditure Account comply with the accounting standards prescribed by the Institute of Chartered Accountants of India.

For Ramesh S Iyer & Associates
Chartered Accountants
Firm Registration No. 142449W

Partner

M. No.035515

Place:

Dated: 30/09/2019

UDIN: 19035515AAAAI1927



UDIN: 19035515AAAAAI 1927

INDIAN ASSOCIATION FOR RADIATION PROTECTION					
Income & Expenditure Accounts for the Year Ended 31st March 2019					
Previous Year	Expenditure	Total	Previous Year	Income	Total
40,000	Accounting charges	50,000	3,398,792	Radiation Safety Training Courses Fees	2,903,882
106,863	Accommodation Exp	-	47,060	Accommodation	-
-	FD interest reversed	79,941	179,900	Advertisement	20,000
20,000	Audit Fees	25,000	40,706	Bank Interest	30,855
180,500	Awards Given	-	770,000	Exhibitors	-
5,979	Bank Charges	2,052	1,228,654	FD Interest	1,256,822
207,646	Banners and Sign Boards	-	700,000	Grants From Government	-
-	BARC Training School Mess	13,037	435	UTI dividend	-
-	Computer Repairs	5,550	782,743	Registration Fees	-
1,225,081	Food and Refreshments	724,711	55,350	Life Membership Fees	27,900
554,074	Conveyance & Travelling Exp.	72,816	7,820	Sundry credits written back	-
362,650	Honarium Lecture	461,400	-	Royalty Received	49,140
327,190	Printing & Stationery	174,624	-	Excess of Expenditure over income	-
12,303	Telephone Exp	6,827			
239,505	Training Exp	86,130			
-	Service Tax Paid	200,382			
100,000	Cultural Program Exp	-			
61,938	Depreciation	53,309			
12,793	Election Expense	-			
-	Financial Assistance for International Conference	60,000			
12,000	Web / Internet Charges	-			
28,958	IRPA MEMBERSHIP FEES	32,423			
10,400	Late Fees on GST Payment	1,850			
8,623	Meeting Exp	10,318			
19,401	Misc Exp	19,257			
16,350	Notary Charges	-			
4,484	Postage & Courier	207			
426,434	Printing of IRPE Journals	556,198			
11,817	Professional Charges	150,000			
280,235	Public Awareness Program	543,928			
421,918	Registration Kits	-			
77,646	Mementoes	17,400			
-	IARP Web Maintenance	10,325			
-	IARP-IC 2018	15,123			
36,100	Video & Photography	-			
918,245	AKG Birth Centenary Celebration Expense	-			
5,431	Workshop on GSR part 3	-			
1,476,896	Excess of Income Over Expenditure c/d	915,791			
7,171,460	TOTAL	4,288,599	7,211,460	TOTAL	4,288,599
55,350	IARP Fund - Life Membership Fees	27,900	-	Balance b/d	-
4,044	A.K. Ganguly Felicitation Fund	4,348	1,476,896	Surplus for the year	915,791
30,297	A.R. Gopal Ayyangar Award Fund	32,570			
58,818	A.K. Ganguly Oration Award Fund	63,230			
-	Fund for Training Course on Radiation	-			
319,621	Safety	343,593			
-	P.R. Kamath's Radiation Environmentalist	-			
3,786	Award Fund	4,070			
17,798	Shri A. Nagarathnam Oration Award Fund	19,133			
98,718	Balance c/d	420,948			
1,476,896	TOTAL	915,791	1,476,896	TOTAL	915,791

As per our report of even date
For Ramesh S Iyer & Associates
Chartered Accountants

(Ramesh S Iyer)

Date

Place: Mumbai

For Indian Association For Radiation Protection

(Secretary)

(Treasurer)

(President)

(Member Festee)

UDIN: 19035515AAAAI1927

INDIAN ASSOCIATION FOR RADIATION PROTECTION											
Fixed Deposit With State Bank of India as on 31-03-2019											
Date of Deposit	FD No.	Period	Maturity Date	Rate of Interest	Deposit Amount	Maturity Amount	Balance as on 01-04-18	Gross Interest	TDS	Net Interest	Balance as on 31-03-19
22-07-16	35940674947	36 Mths	22-06-19	7.50%	1,000,000	1,242,091	1,120,235	86,448	-	86,448	1,206,683
22-07-16	35840675612	36 Mths	22-06-19	7.50%	1,000,000	1,242,091	1,120,235	86,448	-	86,448	1,206,683
22-07-16	35940676183	36 Mths	22-06-19	7.50%	1,000,000	1,242,091	1,120,235	86,448	-	86,448	1,206,683
06-02-17	36519033599	36 Mths	06-02-20	6.50%	1,000,000	1,213,408	1,069,353	71,266	-	71,266	1,140,619
06-02-17	36519034413	36 Mths	06-02-20	6.50%	1,000,000	1,213,408	1,069,353	71,266	-	71,266	1,140,619
06-02-17	36519035155	36 Mths	06-02-20	6.50%	1,000,000	1,213,408	1,069,353	71,266	-	71,266	1,140,619
06-02-17	36519035972	36 Mths	06-02-20	6.50%	1,000,000	1,213,408	1,069,353	71,266	-	71,266	1,140,619
06-02-17	36519036307	36 Mths	06-02-20	6.50%	1,000,000	1,213,408	1,069,353	71,266	-	71,266	1,140,619
27-09-16	36127776541	36 Mths	27-08-19	7.25%	1,000,000	1,233,226	1,103,220	82,324	-	82,324	1,185,544
27-09-16	36127765700	36 Mths	27-08-19	7.25%	1,000,000	1,233,226	1,103,220	82,324	-	82,324	1,185,544
23-09-15	30902508733	36 Mths	23-09-18	7.25%	-	946,957	932,326	31,272	3,128	28,144	-
23-09-15	30902509077	36 Mths	23-09-18	7.25%	-	946,957	932,326	31,272	3,128	28,144	-
02-04-15	30729361252	36 Mths	02-04-18	8.50%	-	517,919	508,903	118	12	106	-
02-04-15	30729362029	36 Mths	02-04-18	8.50%	-	517,919	508,903	118	12	106	-
02-04-15	30729363894	36 Mths	02-04-18	8.50%	-	517,919	508,903	118	12	106	-
02-04-15	30729361693	36 Mths	02-04-18	8.50%	-	517,919	508,903	118	12	106	-
28-03-18	37619815512	36 Mths	28-03-21	6.70%	2,500,000	3,051,478	2,501,638	171,871	-	171,871	2,673,509
23-09-18	30902508733	36 Mths	23-09-21	6.80%	927,547	1,135,501	-	33,401	3,340	30,061	957,608
23-09-18	30902509077	36 Mths	23-09-21	6.80%	927,547	1,135,501	-	33,401	3,340	30,061	957,608
02-04-18	30729361252	36 Mths	02-04-21	6.70%	505,485	616,990	-	34,630	3,463	31,167	536,652
02-04-18	30729362029	36 Mths	02-04-21	6.70%	505,485	616,990	-	34,630	3,463	31,167	536,652
02-04-18	30729363894	36 Mths	02-04-21	6.70%	505,485	616,990	-	34,630	3,463	31,167	536,652
02-04-18	30729361693	36 Mths	02-04-21	6.70%	505,485	616,990	-	34,630	3,463	31,167	536,652
13-04-18	37648925427	36 Mths	13-04-21	6.70%	500,000	610,296	-	33,177	-	33,177	533,177
12-12-18	38123149247	12 Mths	12-12-19	6.80%	150,000	160,463	-	3,114	-	3,114	153,114
					17,027,034	24,786,554	17,315,812	1,256,822	26,836	1,229,986	19,115,856

As per our report of even date

For Ramesh S Iyer & Associates

Chartered Accountants

(Ramesh S Iyer)

Date:

Place: Mumbai

For Indian Association For Radiation Protection

(Secretary) (Treasurer) (President) (Member-Trustee IARP)

INDIAN ASSOCIATION FOR RADIATION PROTECTION			
Apportionment of FD interest to relevant Funds for year ended 31-03-2019			
	Opening Balance as on 01-04-18	Accretion during the year	Balance as on 31- 03-2019
<u>A.K. Ganguly Felicitation Fund</u>			
As Per Last Balance Sheet	57,969	4,348	62,317
<u>ARG Ayyangar Award Fund</u>			
As Per Last Balance Sheet	4,34,263	32,570	4,66,833
<u>A.K. Ganguly Oration Award Fund</u>			
As Per Last Balance Sheet	8,43,061	63,230	9,06,291
<u>Fund for Training Course on Radiation Safety</u>			
As Per Last Balance Sheet	45,81,236	3,43,593	49,24,829
<u>P R Kamath's Radiation Environmentalist Award Fund</u>			
As Per Last Balance Sheet	54,262	4,070	58,332
<u>Shri A Nagaratnam Oration Award</u>			
As Per Last Balance Sheet	2,55,104	19,133	2,74,237
	62,25,895	4,66,942	66,92,837
Fund Accumulated for PAP, RPE Journal, Theme Meetings & Workshops			



INDIAN ASSOCIATION FOR RADIATION PROTECTION			
Apportionment of FD interest to relevant Funds for year ended 31-03-2019			
	Opening Balance as on 01-04-18	Accretion during the year	Balance as on 31- 03-2019
<u>A.K.Ganguly Felicitation Fund</u>			
As Per Last Balance Sheet	57,969	4,348	62,317
<u>ARG Ayyangar Award Fund</u>			
As Per Last Balance Sheet	4,34,263	32,570	4,66,833
<u>A.K.Ganguly Oration Award Fund</u>			
As Per Last Balance Sheet	8,43,061	63,230	9,06,291
<u>Fund for Training Course on Radiation Safety</u>			
As Per Last Balance Sheet	45,81,236	3,43,593	49,24,829
<u>P.R.Kamath's Radiation Environmentalist Award Fund</u>			
As Per Last Balance Sheet	54,262	4,070	58,332
<u>Shri A.Nagaratnam Oration Award</u>			
As Per Last Balance Sheet	2,55,104	19,133	2,74,237
	62,25,895	4,66,942	66,92,837
Fund Accumulated for PAP, RPE Journal, Theme Meetings & Workshops			



INDIAN ASSOCIATION FOR RADIATION PROTECTION Fixed Assets as on 31/03/2019						
Description	Balance As. On 01.04.2018	Additions	Total	Depn Rate	Depreciation	Balance As. On 31.03.2019
Printer & Pen Drive - GCTC	120	-	120	60.00%	72	48
Computer PAP	6	-	6	60.00%	-	6
Computer for General Training Courses	280	-	280	60.00%	168	112
Multimedia Projector & Pen Drive	7	-	7	60.00%	-	7
Printer	1,256	-	1,256	60.00%	754	502
Survey Meter	3,36,906	-	3,36,906	15.00%	50,536	2,86,370
Microphone and speakers	-	11,864		15.00%	1,780	10,084
TOTAL	3,38,575	11,864	3,38,575		53,309	2,97,129



RAMESH S IYER & ASSOCIATES
Chartered Accountants
122 Acharya Commercial centre, Dr. C. Gidwani Road, Chembur,
Mumbai 400074
Tel: 022-25201684 ; email id : admin@rsiandco.com

Ref :

Date : 30/09/2019

To,
The Members,
Indian Association for Radiation Protection,
Radiation Safety System Division,
BARC, Mumbai – 400085.

**GENERAL REMARKS ANNEXED TO AND FORMING PART OF AUDIT
REPORT OF EVEN DATE**

1. Life Membership Fees:

The life membership fee received during the year amounting to Rs.27,900/- has been capitalized by crediting to Trust Fund A/c.

2. Cash Balances:

The Cash Balance as on 31-03-2019 stood at Rs.38,787/-. We have not physically verified this balance as on 31st March, 2019.

3. Bank Balances:

The Bank Balances as on 31-03-2019 stood at Rs.10,01,885/-. We have verified the bank balances shown in the books with the balances shown in the Bank pass book and the balances have been reconciled wherever necessary. Maintaining huge balances in savings and current account results in loss of interest to the trust

4. Income & Expenditure:

Excess of Income over expenditure Rs.4,20,948/- after transferring accumulations to ear marked funds.

7. FD's in Bank:

Fixed Deposit stands at Rs.1,91,15,856/- (including accrued interest thereon) as at the end of the year.



RAMESH S IYER & ASSOCIATES
Chartered Accountants
122 Acharya Commercial centre, Dr. C. Gidwani Road, Chembur,
Mumbai 400074
Tel: 022-25201684 ; email id : admin@rsiandco.com

Ref :

Date : 30/09/2019

8. The trust is required to utilize the accumulated funds earmarked in the earlier years for PAP / RPE Journal / theme Meeting of workshops within the Statutory period of 5 years from the end of the year in which the amounts were accumulated.

9. Previous year figures has been regrouped wherever necessary.

For RAMESH S. IYER & ASSOCIATES
Chartered Accountants



(Ramesh S. Iyer)