



HUMAN RESOURCE DEVELOPMENT AND INFRASTRUCTURE

11.1 MANPOWER AUGMENTATION

AERB's manpower is being augmented at various levels and through various channels in view of the expanding nuclear power programme and increasing number of radiation facilities in the country. This is being done through fresh recruitments, transfer of experienced personnel from operating plants and R&D institutes like BARC and IGCAR and induction of postgraduates through AERB Graduate Fellowship Scheme (AGFS) in IIT Bombay and IIT Madras.

Total sanctioned strength in AERB as on December 31, 2019 was 468. In-position strength is 342 comprising

284 Scientific and Technical and 58 supporting staff of Administration / Accounts / Auxiliary. During the year, AERB recruited 12 personnel, of which 5 officials were recruited through BARC and IGCAR Training Schools and 6 officials through AGFS in the grade of Scientific Officer (C). One officer was recruited through open advertisement in the grade of Scientific Officer (G). The manpower status is as follows:



387
Scientific & Technical

81
supporting staff of
Administration /
Accounts



284
Scientific & Technical

58
supporting staff of
Administration /
Accounts



12
Scientific & Technical

Through:

Training School (5),
AGFS (6) & Direct
Recruitment (1)

11.2 IMPLEMENTATION OF PERSONS WITH DISABILITIES (EQUAL OPPORTUNITIES, PROTECTION OF RIGHTS AND FULL PARTICIPATION) ACT, 1995 AND RESERVATION POLICY FOR SC / TRIBE / OBC

There is one backlog vacancy in 'Person with Disabilities Quota' due to resignation of Lower Division Clerk (LDC) on July 31, 2017. Rosters are maintained as per the orders on the subject. The backlog vacancies are being worked out and efforts to fill up the backlog vacancies were in progress.

11.3 INFRASTRUCTURE DEVELOPMENT

11.3.1 Information Technology (IT)

The effectiveness of the organisation in modern times essentially depends on the smooth functioning of the IT infrastructure and services. Towards maintaining information technology resources in normal operating state and upgrading the same periodically to deploy latest available technologies, AERB has taken several steps. These include the following:

(i) IT Infrastructure and Services

AERB has used the video conferencing facilities installed last year more frequently to interact with its satellite office at SRI through the dedicated leased line service. AERB has also conducted video conferencing through ANUNET with many DAE units such as IGCAR, VECC, HWB. The video conferencing facility has also been used over public internet for connecting IREL and many NPCIL units such as KKNPP and Kakrapar NPP. Thus IT service has reduced unnecessary travels and cost of holding meetings with personnel from remote locations.

In order to check and enhance the IT security systems, AERB hosted the DAE-CISAG audit team to facilitate the IT security audit of the network and servers. AERB has implemented most of the changes recommended by the CISAG audit team. Subsequently AERB has procured latest software for scanning and detecting vulnerabilities of the server software and associated configurable features. AERB has procured and deployed the latest network perimeter security devices to modernize the

intrusion detection and prevention systems. AERB has also configured the network load balancing features to improve the availability of the internet connectivity. The domain name servers were reconfigured to harden the DNS services. The web servers were also updated and hardened to improve the OS and software framework security aspects. Changes in email gateway servers were implemented to save the domain from email spoofing attempts. This was done to achieve the Domain based Message Authentication, Reporting and Conformance (DMARC) with Sender Policy Framework (SPF) and Domain Key Identified Mail (DKIM). Several Standard Operating Procedures were developed or updated to improve and ease the IT services and resource management activities.

(ii) AERB Website

AERB maintains its website (www.aerb.gov.in) as a user-friendly platform for dissemination of people-centric information towards meeting its objectives of enhancing transparency and public outreach. Web-information management process ensures that the website remains rich in content from technical as well as public interest point of view.

Most of the publications made by AERB are made available free on its website. The information on registered facilities, type approved equipment, licence validity, regulatory inspections carried out, occupational exposures, significant events etc. are provided on the website and updated periodically. There exists a helpdesk maintained for improvement of services to the users, obtaining feedbacks from users and providing solutions as necessary.

In order to enhance radiation safety awareness, AERB developed and uploaded video for 'Personnel Working in Diagnostic Radiology' and 'Radiation Safety in Fluoroscopy'. Similarly, a video on 'Construction Safety - Hazards and Safety Barriers' was developed and uploaded.

(iii) Implementation of e-Office

The e-office has been implemented in AERB with the help of National Informatics Centre (NIC). The modules of File Management System, Knowledge Management System (KMS) and Leave Management System (LMS) have been made operational and put in regular use. The upgradation to the latest version of

e-Office was also carried out. The KMS folder structure was configured as recommended by the Record and Information Management Procedure (RIMP) of AERB. The documents are being populated into this folder structure as per the established procedure using a document submission form.

A design for Electronic Document and Record Management System (EDRMS) was developed and a formal proposal was made after discussion with vendors. The same has been approved by AERB management. Several options were explored. Currently the e-Office KMS is in use as a short term measure to meet the immediate need for EDRMS. Options for long term solution for EDRMS are under consideration.

An open-source software application for 'Service Request Management' was configured and implemented on the intranet server for ease of managing all kinds of maintenance related complaints. The scope of this facility has been improved to cater to more types of requests. IT service requests are attended on receipt of direct requests from the users through this system.

The Employees Attendance Management software application was further enhanced to suit the detailed information requirement of AERB.

Modifications including debugging were carried out to suit requirements in the pre-developed software applications viz. Payroll Software and Corporate Human Assets and Resources Management System (CHARMS) for on-line Annual Performance Appraisal Report (APAR).

With the help of Computer Division of BARC, AERB developed recruitment portal supporting AERB in screening of the applicants. The same was configured, maintained and used successfully for obtaining applications for the post of SO(G) and SO(F).

(iv) Development of In-house Software Applications

AERB has started in-house development of software applications for online management of 'Nomination and Deputation including Training' and 'Regulatory and Safety Documents'. Improvements of the in-house developed intranet web-application programs for 'Safety Research Projects' status review system were

made. The application development/modifications of RTI and Parliamentary question-answers status review System are in progress to suit the user requirements. The first version of the web based application for a single cum multi-user quiz was developed and used on the Independence-day Quiz Programme at AERB.

(v) Performance Improvement of e-LORA Portal

The number of users and institutes accessing e-Licensing Radiation Application (e-LORA) portal are growing fast consequent to increase in radiation application facilities in the country. To ensure system availability even during the failure of one of the leased lines and improve the system performance, the Link Load Balancing (LLB) devices have been implemented. Consequent to the audit carried out by the DAE-CISAG audit team, the OS and the application framework were upgraded/updated.

11.3.2 Construction/Modification at AERB HQ and Regional Centres

Construction of Niyamak Bhavan-C building at AERB HQ has started after obtaining tree clearance from the State authorities. Bhoomi Poojan of new building was performed on September 11, 2019. Internal upgradation work is in progress w.r.t. Auditorium, Board Room and other meeting rooms at of Niyamak Bhavan A&B.

With a view to decentralise its regulatory activities, AERB has established Regional Regulatory Centres (RRC) at New Delhi, Kolkata and Chennai. The progress of work is as follows:

- Southern Regional Regulatory Centre (SRRC) has been functioning at new building since November 2018. Fire alarm system has been installed and procurement of furniture is in progress.
- Eastern Regional Regulatory Centre (ERRC), Kolkata building construction is in advance stage of completion.
- DAE has initiated action w.r.t. construction of DAE complex at Sector 9, Dwarka, New Delhi which houses Northern Regional Regulatory Centre (NRRC) of AERB.



Bhoomi Poojan for Construction of Niyamak Bhavan(NB-C) at Mumbai



View of Construction Activities of NB-C, Mumbai



Construction of ERRC, Kolkata

11.4 TRAINING

As part of competence development, AERB continued to train its staff by organising training programmes, workshops, on-job training at nuclear and radiation facilities,

refresher courses, technical talks, colloquia and participation in training courses conducted by Administrative Training Institute (ATI) etc. AERB also imparted training on regulatory and safety aspects with respect to nuclear and radiation facilities to other organisations on request.



11.4.1 Training Imparted to AERB Staff

(i) Induction Training of New Recruits

Induction training was given to five newly recruited officials. After the initial induction training course at AERB, these officers were posted to NPP sites for familiarization and practical experience in the field.

(ii) Workshop at MNNIT, Allahabad (Prayagraj)

AERB officers participated in National Workshop on 'Advances in Applications of Computational Fluid Dynamics' and 'Multiphase Computational Fluid Dynamics and Heat Transfer' at MNNIT, Allahabad during March 2019.

(iii) DST Training Program-NRDMS

Two officers underwent the Dept. of Science and Technology (DST) sponsored Natural Resources Data Management System (NRDMS), L-2 Advanced Level training program on "Coastal and Ocean Vulnerability Assessment using Geospatial Technologies", at Department of Ocean Engineering, IIT Madras during April 22 - May 12, 2019.

(iv) Orientation Course on Nuclear Law

Ten officers of AERB successfully underwent Orientation Course on Nuclear Law conducted by HBNI during August 19 - November 4, 2019.

(v) Training Course on Mechanical Vibrations

To augment the capability of officers, the customized course on mechanical vibrations was conducted during April 26 - November 29, 2019 at AERB. Total 20 Officers including five from NPCIL participated in the course. About 25 lectures were delivered by Dr. H. S. Kushwaha, Former Director, HS&EG, BARC.

(vi) Training Programme on Human Factors

Development of competencies in the areas of Human Factors at AERB is required to understand the safety issues in Nuclear and Radiation Facilities, such as accident prevention over protection, trust among operators and management, understanding the linkage between risk and safety, human behaviour at workplace, notional and real safety aspects to avoid occurrence of unforeseen circumstances, incidents and accidents.

The advance course on 'Human Factors' was organised during May 21-24, 2019 by Prof. Rajagopalan Srinivasan, IIT Madras at AERB. Total 27 AERB officers attended the advance training course.

(vii) Training Course on Cyber Security

Now-a-days, computer based systems are being deployed at many nuclear facilities to perform various important functions associated with Safety and Security of the Facility. A five day training course on



Prof. R. Srinivasan, IIT Madras delivering the lecture on 'Human Factors'



Shri D.K. Shukla, ED, AERB delivering lecture to Participants of Advance Training Course on 'Human Factors'



Chairman, AERB and Executive Director, AERB addressing the participants of Training Course on Cyber Security

'Fundamentals of Computer Security' was conducted for AERB officers during August 5-9, 2019 at AERB. The objective was to impart a baseline knowledge to the participants which is essential for conducting review and inspection of computer security aspects. The course is first-of-a-kind, designed and delivered by AERB.

(viii) Awareness Programme on Integrated Management System (IMS)

An interactive awareness programme on IMS was organised for the staff of AERB on August 06, 2019. The lectures on various topics such as (i) An Overview of IMS of AERB; (ii) Leadership and Management for Safety and (iii) Introduction to IMS Documents (Level I, II and III) were delivered by AERB officers.

(ix) Management Development Programme (MDP)

Five days residential training programme was conducted in three batches during February to April

2019 for middle level officers of AERB (SO/E) and Administration personnel on 'Management Development Programme (MDP) at Yashwantrao Chavan Academy of Development Administration (YASHADA), Pune. Total 90 officers participated in the programme.

One more MDP was organised during December, 2019 for middle level officers (SO/D) and administration personnel of AERB.

Total 25 officers participated in this programme. The topics included time and stress management, governance through management, effective communication skills, motivation, meetings and report writing skills, code of ethics, human factor engineering, self-assessment and SWOT Analysis, Leadership skills and Lateral & Creative thinking.

Till December 2019, total 212 officers have been trained in MDP through 8 batches



Shri G. Nageswara Rao, Chairman AERB (second from left) inaugurating the MDP at YASHADA, Pune



Chairman, AERB; Faculty and Participants of MDP at YASHADA, Pune



11.4.2 Training Imparted to other Organisations

Every year students from several academic institutions like IITs, BITS and other Universities get an opportunity to work with AERB on emerging R&D topics related to safety as part of their academic curriculum. Technical divisions of AERB provided guidance to undergraduate engineering students as well as M. Tech students.

(i) Internship Training

Internship training was provided to students of BITS, Pilani; Terna Engineering College, Nerul, Navi Mumbai and Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai during May-July 2019.

(ii) Project Guidance

Summer interns from BITS-Pilani, Goa Campus and Hyderabad Campus underwent training at AERB on various projects related to Computer Code Development and Thermal Hydraulic Analysis.

11.5 TECHNICAL TALK / COLLOQUIUM

AERB conducts technical talks/colloquia at regular intervals for its staff for knowledge upgradation. The topics are chosen in line with the mandate and functioning of AERB, covering latest scientific and technical development worldwide in the field of nuclear and radiation industries, regulatory practices, legal aspects and aspects enhancing personal and interpersonal effectiveness etc.

11.5.1 Technical Talk

An invited Talk on “How Safe is ‘Safe Dose’? Low Level Radiation Effects: Some Recent Studies” was delivered by Dr. A. R. Sundararajan, Former Director, RSD, AERB on December 19, 2019 at AERB.

11.5.2 AERB Colloquia

Following colloquia were conducted during the period on various topics of nuclear, radiation and industrial safety. The talks were delivered by AERB officers and Experts from DAE units.

S. No	Topic	Date	Speaker and Affiliation
1	Leadership and Management for Safety	January 4, 2019	Shri D. K. Shukla, Executive Director, AERB
2	Lessons Learned from event of Pressure Tube leak at KAPS-1	February 1, 2019	Shri Anup Prabhakaran & Shri Devendra Upadhyay, OPSD
3	Radiation Shielding of Medical Installations	February 1, 2019	Dr. G. Sahani, RSD
4	Feedback on CNSC-IAEA Technical Workshop on CANDU/ PHWR Accident Prognosis	March 8, 2019	Shri Sameer Hajela, NPCIL
5	Updates and Current Status of Fukushima Daiichi Accident	March 8, 2019	Shri Ritu Raj and Shri Jaydeb Mandal, DRP&E
6	Safety Reviews: Post Fukushima Accident and Status of Implementation of Safety Upgrades	April 2019	Smt. Sonal Gandhi and Shri Neeraj Kumar, OPSD
7	Radiological Safety & Nuclear and Radiological Emergencies: Concerns & Facts	May 2019	Dr. K.S. Pradeepkumar, AD, HS&EG, and Head, RSSD, BARC
8	Knowledge Management - A Key to Sustainable Excellence	June 2019	Shri Rakesh Kumar, R&DD
9	Computational Methods - Application in Nuclear Sciences & Engineering	June 2019	Dr. Debabrata Datta, Head, RPAD, BARC & Professor, HBNI
10	The accident at Tokaimura' covering (i) Description and Progression of Event (ii) Health Effects of the Accidents, and (iii) Emergency Preparedness Aspects of the Accident	July 12, 2019	Shri Basuki Baral, Shri Nishikant Tyagi, and Shri Ritu Raj, DRP&E
11	Civil Liability for Nuclear Damage Act, 2010	August 09, 2019	Dr. K.L. Ramakumar, Former Director, Radiochemistry & Isotope Group, BARC and Former Head, Nuclear Controls & Planning Wing, DAE
12	Accident Tolerant Fuel	September 20, 2019	Shri Avinash Gaikwad, Head, NSAD
13	Geotechnical Safety of Nuclear Facilities	September 20, 2019	Shri Somnath Jha, NPSD
14	Radiological Safety in Public domain dealing with Mayapuri, scrap contamination	October 24, 2019	Shri Rajoo Kumar, R&DD
15	Statute of the IAEA and its Functioning	October 24, 2019	Shri Deepak Ojha, DRA&C
16	Core Reactivity Control in 700 MWe Pressurized Heavy Water Reactor (PHWR)	November 27, 2019	Smt Bharati Ingavale, NPSD
17	BSM Facilities in India & its Regulatory Challenges	November 27, 2019	Smt. Pammy Goswami, OPSD
18	Nuclear Design of NPPs: Concepts, Characteristics and Regulations	December 20, 2019	Dr. Obaidurrahman K, NSARG



11.6 KNOWLEDGE MANAGEMENT

11.6.1 Knowledge Portal

A 'Knowledge Portal' is functional on the internal website of AERB, as part of knowledge preservation and easy retrieval of information. Training/Refresher course/Teaching material, proceedings of Conferences and Seminars, etc. were included in the portal at regular intervals. AERB Codes/Guides/Manuals are also available on the portal.

11.6.2 Scientific Information Cell

A well-equipped scientific information cell (Library) is maintained in AERB. During the year, 42 publications were uploaded in Knowledge Management System (KMS). The total collection of publications in library

has gone up to 10603. In addition, 17 Journals were subscribed during the period. Reference and information services were provided to the users and visitors of the Library. World Nuclear News, IAEA Weekly News, NEA News Bulletin etc., were circulated in digital form regularly by sending e-mails to AERB staff. Table of Contents of new issues of important journals of AERB's subject interest were also circulated regularly by email alerts.

AERB Library



10603 : Collection of Publications

42 : Publications uploaded in KMS

17 : Journals Subscribed

11.7 PROMOTION OF EXCELLENCE IN HUMAN RESOURCES

11.7.1 Higher Qualification

The following AERB officers acquired higher qualifications during the year:



Shri Santosh Kumar Pradhan, SO/G, NSAD has been awarded Doctor of Philosophy (Ph. D.) degree from Indian Institute of Technology (IIT) Bombay, Mumbai for his thesis titled 'Coupled Neutronics Thermal-Hydraulics Safety Analysis of Large Nuclear Power Reactors' in the 57th Convocation ceremony held on August 10, 2019.



Shri Raj B. Solanki, SO(G), R&DD has been awarded Ph. D degree from Indian Institute of Technology Bombay, Mumbai for his thesis titled 'Reliability Assessment of Passive Safety Systems in Nuclear Power Plants' in the 57th Convocation ceremony held on August 10, 2019.



Shri Bibekananda Mishra, SO(E), RSD, AERB has been awarded Ph.D. degree from Tata Memorial Centre under Homi Bhabha National Institute (HBNI), Mumbai for his thesis titled 'Study of Dosimetric Characteristics of a Flattening Filter Free Medical Accelerator for its Clinical Use' on September 5, 2019.

11.7.2 Promotion

During the year, 45 employees were promoted under the Merit Promotion Scheme of the Department.

11.8 AERB AWARDS FOR EXCELLENCE

AERB started its award scheme from the year 2012 to promote excellence among its staff and to recognise outstanding achievements of those engaged in regulatory and associated R&D activities. AERB award scheme comprises of individual awards as well as group achievement awards in following categories:

- Young Scientific Officer Award
- Outstanding Performance / Special Contribution Award
- Leadership Award-1 (lower than SO/G) and Award-2 (SO/G and above)
- Meritorious Service Award
- Group Achievement Award

The 37th AERB Formation Day was organized on November 22, 2019. Padmashri Dr. Anil Kakodkar, Former Chairman, AEC and Secretary, DAE graced the occasion as Chief Guest and presented AERB awards (2018) to employees.

Chairman, AERB delivered keynote address and shared thoughts on 'Risk Concerns on Nuclear Technologies from Regulatory Perspective', whereas Executive Director, AERB delivered a talk on 'Nuclear Regulation in India - Evolution to Maturity' during the programme.

To know expectations of young generation about AERB, talk on "My Vision of AERB" was delivered by Shri Somnath Jha, NPSD (recipients of Young Scientific Officer Award, 2017).



Shri Somnath Jha, NPSD talking on "My Vision of AERB" on AERB Day Celebration



Dr. Anil Kakodkar, Former Chairman, AEC addressing the gathering during AERB Day Celebration

Young Scientific Officer Award

1. Shri Prashant Sharma, SO/E, NSAD
2. Smt. Purva Awasthi, SO/D, OPSD
3. Shri Ritu Raj, SO/D, DRP&E
4. Shri Rajendra R. Shete, SO/D, RSD

Outstanding Performance / Special Contribution Award

1. Shri Utkarsh S. Chikkanagoudar, SO/G, NPSD
2. Shri Devendra V. Pimpale, SO/G, NPSD
3. Shri Bibekananda Mishra, SO/E, RSD

Meritorious Service Award

1. Shri R.R. Koli, PRA, Admn.

Young Scientific Officer Award



Shri Prashant Sharma, receiving the 'Young Scientific Officer Award'



Smt. Purva Awasthi, receiving the 'Young Scientific Officer Award'



Shri Ritu Raj receiving the 'Young Scientific Officer Award'



Shri Rajendra R. Shete, receiving the 'Young Scientific Officer Award'

Outstanding Performance Award



Shri Utkarsh S. Chikkanagoudar receiving the 'Outstanding Performance Award'



Shri Devendra V. Pimpale receiving the 'Special Contribution Award'



Shri Bibekananda Mishra receiving the 'Special Contribution Award'



Shri R.R. Koli receiving 'Meritorious Service Award'

Group Achievement Award

Group 1: 'Emergency Preparedness and Response'

S. No	Name of Awardee & Designation	S. No	Name of Awardee & Designation
1	Dr. S.P Lakshmanan, SO/F	7	Shri Ritu Raj, SO/D
2	Shri Vikas Shukla, SO/E	8	Shri Ashish Jaiswal, SA/E
3	Shri Nishikant Tyagi, SO/E	9	Shri Rahul Dhoke, SA/E
4	Shri Jaydeb Mandal, SO/E	10	Shri Gopal Jee, SA/D
5	Shri Basuki Baral, SO/D	11	Smt. Rakhee Nair, Steno-II
6	Shri Krishna Reddy, SO/D		-----

Group 2: 'Regulatory Review of activities related to EMCCR and subsequent commissioning and Restart of KAPS-2'

S. No	Name of Awardee & Designation	S. No	Name of Awardee & Designation
1	Shri Dipto Bhattacharya, SO/G	7	Shri Susheel Kumar, SO/E
2	Shri Vivek Piplani, SO/G	8	Shri Siddhartha Gauba, SO/E
3	Shri P. S. Virdi, SO/G	9	Shri Devendra Upadhyay, SO/E
4	Smt. Ritu Singh, SO/F	10	Smt. Purva Awasthi, SO/D
5	Shri Anup Prabhakaran, SO/F	11	Shri Purushotham Patel, SO/D
6	Shri Sunil Pagar, SO/F		-----



Emergency Preparedness and Response



Regulatory Review of activities related to EMCCR and subsequent commissioning and Restart of KAPS-2



Making the Quality Assurance Protocols and Procedures in Nuclear Medicine



Strengthening Regulatory Control, Radiation Safety and Simplification of Regulatory Processes in Diagnostic Radiology Practice



Special Regulatory Inspection of Diagnostic X-ray Facilities and Radiation Safety Jaagrukta Seva Campaign

Group 3: 'Making the Quality Assurance Protocols and Procedures in Nuclear Medicine'

S. No	Name of Awardee & Designation
1	Dr. Pankaj Tandon, SO/H
2	Smt. S. Mahalakshmi, SO/F
3	Shri Neeraj Dixit, SO/E
4	Smt. Namitha Krishnakumar, SO/E
5	Shri Jolly Joseph, SO/E

Group 4: 'Strengthening Regulatory Control, Radiation Safety and Simplification of Regulatory Processes in Diagnostic Radiology Practice'

S. No	Name of Awardee & Designation
1	Dr. G. Sahani, SO/F
2	Shri R.K. Chaturvedi, SO/E
3	Shri Manoranjan Dash, SO/E
4	Dr. Rajib Lochan Sha, SO/E
5	Smt. Rajeshri H. Pai, SO/E
6	Shri Ashish Ramteke, SO/D
7	Smt. Pampa Modak, SO/D

Group 5: 'Special Regulatory Inspection of Diagnostic X-ray Facilities and Radiation Safety Jaagrukta Seva Campaign'

S. No	Name of Awardee & Designation	S. No	Name of Awardee & Designation
1	Shri J.V.K. Sunilkumar, SO/E	15	Smt. Pampa Modak, SO/D
2	Shri Pradip Kumar, SO/E	16	Smt. Namitha Krishnakumar, SO/E
3	Shri G. Sivaraman, SO/E	17	Smt. Shimja Bhanu, SO/E
4	Shri A. K. Nath, SO/F	18	Shri Naushad N, SO/E
5	Shri S. Chockalingam, SO/E	19	Dr. Rajib Lochan Sha, SO/E
6	Shri Anirban Guin, SO/E	20	Shri Ganesh Bokam, SO/E
7	Smt. V. Anuradha, SO/F	21	Shri G.K. Panda, SO/E
8	Shri B. K. Singh, SO/F	22	Shri Bibekananda Mishra, SO/E
9	Shri M. Mahesh, SO/E	23	Shri Meghraj Singh, SO/E
10	Shri Anand R. Pinjarkar, SO/E	24	Shri Rajendra R. Shete, SO/D
11	Shri Pravin J. Patil, SO/F	25	Smt. Manju Saini, SO/F
12	Smt. Arti Kulkarni, SO/E	26	Smt. S. Mahalakshmi, SO/F
13	Shri Soumyajyoti Kar, SO/E	27	Shri Amit Sen, SO/F
14	Shri Dinesh M. Rane, SO/F	28	Shri M. Senthilkumar, SO/E

11.9 WELFARE AND AWARENESS ACTIVITIES FOR AERB EMPLOYEES

(i) International Women's Day

International Women's Day was celebrated at AERB on March 8, 2019 with large participation of AERB employees. A cultural programme was organised by women

employees. The celebration included dances, songs and quiz competition etc.

On this occasion Dr. N. Mishra, Head Dept. of Obstetrics & Gynaecology, BARC delivered a talk on 'Health Concerns for today's Working Women'. The speaker emphasized the importance of taking care of one's health and answered the queries raised by the participants.



Glimpses of Cultural Programme on Women's Day Celebration

(ii) International Yoga Day

The 5th International Yoga day was celebrated on June 21, 2019 at AERB with large participation from AERB employees. The theme for yoga day by UN was "Yoga for Climate Action", whereas India declared the

theme as "Yoga for Heart". In order to commemorate the occasion, a talk on "YOGA and Health" was delivered by Yoga Guru, Shri Jateen Dave followed by a Yoga session in which the exercises were demonstrated by him & his team and practiced by the AERB employees.



Glimpses of International Yoga Day celebration at AERB

(iii) AERB Staff Club Activities

AERB staff club conducts sports and cultural activities for the welfare of the staff and family members. A well-equipped physical fitness centre is being maintained by the AERB Staff Club for health benefit of its employees. The AERB Annual Day was organised by staff club on December 07, 2019 at AERB premises. AERB staff and their family members graced the occasion and participated in annual cultural programme. The prizes were distributed to the winners of competitions held in 2019.

(iv) Vigilance Awareness Week

The 'Vigilance Awareness Week - 2019' was observed in AERB with a theme "Integrity - A Way of Life" during October 28 to November 2, 2019. Various activities were conducted during the Week. Pledge was taken by the officials of AERB. Dr. L.R. Bishnoi, Director, NSARG and Vigilance Officer, AERB delivered a talk on 'Integrity - A Way of Life'.

A quiz competition on related topics (e.g. CCS (Conduct) Rules, 1964 and CCS (CCA) Rules 1965

& Constitution of India) was organised. The Cartoon / Poster drawing competition was also organised. AERB employees actively participated in the competitions.

(v) Swachh Bharat Mission

(a) Swachhata Pakhwada

As part of 'Swachh Bharat Mission' launched by the Govt. of India, AERB celebrated 'Swachhata Pakhwada' during February 16-28, 2019. All the staff of AERB took a Swachhata Shapath (Cleanliness Pledge). Various activities such as cleaning of work place and office premises and canteen; weeding out of old/obsolete records were carried out. The slogans writing and poster competitions on 'Swachhata Mission' were organised during the period. The awards were distributed to officials maintaining cleanliness at their workplace and winners of slogan & poster competition.

During the week a talk was delivered by Dr. Yogesh Shejul, BARC Hospital on 'Types of fever, Preliminary precaution apart from cleanliness, food to be avoided' giving emphasis on cleanliness and hygienic food.



Participants of Poster Drawing Competition on Vigilance Awareness



Dr. L.R. Bishnoi, Director, NSARG and Vigilance Officer, AERB delivering the talk



Chairman, AERB presenting prize to winners of Cleanliness Awards to Staff of Accounts Section and RSD officers



Winners of Swachhata Poster Competitions, Shri Pravin J. Patil, Smt. Pampa Modak and Shri Anand Pinjarkar receiving prize from Executive Director, AERB

(b) 'Swachhata Hi Seva-2019' Programme

As part of 'Swachhata Hi Seva - 2019' programme, AERB performed 'Shramdaan' on September 27, 2019 for an hour at its premises and in the vicinity of AERB complex in furtherance to the initiative of Hon'ble

Prime Minister of India and the Department of Drinking Water & Sanitation, Ministry of Jal Shakti, New Delhi towards effective ban of Single Use Plastic (SUP). Chairman, AERB led the group of officers and staff in the "Shramdaan".



Chairman, AERB and staff members participated in 'Shramdaan' during Swachhata mission



Posters on Swachhata

11.10 RETIREMENTS ON SUPERANNUATION/RESIGNATION/TRANSFER

Following officials retired on superannuation/resigned during the period:

S. No.	Name	Designation	Date of Retirement	Remarks
1	Shri S. A. Bhardwaj	Chairman	04-01-2019	Completion of Tenure on attaining the age of 70 years
2	Shri T.S. Padmanabhan	SO(H)	27-04-2019	Demise
3	Smt. Mallika C. Nair	Sr. PS	30-04-2019	Superannuation
4	Shri Abhishek Jain	AD(OL)	08-04-2019	Transferred to HWP, Kota
5	Smt. Sheela Mohan	CAO, AERB	08-05-2019	Transferred to BARCF, Kalpakkam
6	Shri L. B. Mahale	SO(G)	31-05-2019	Superannuation
7	Dr. P. K. Baburajan	SO(G)	31-05-2019	Superannuation
8	Smt. Poorva Kaushik	SO(D)	02-07-2019	Resigned
9	Dr. Dharendra Kumar Jha	SO(F)	02-07-2019	Transferred to BARC
10	Shri V. Balasubramanian	OS & Director, SRI, Kalpakkam & Director, NSARG, AERB	31-08-2019	Superannuation
11	Smt. Lalitha B.	APO	04-09-2019	Transferred to NFC, Hyderabad
12	Shri M.S. Sathe	APRO	27-09-2019	On promotion to RRCAT, Indore
13	Shri S. K. Ghosh	SO(H) & Head, DRI	30-11-2019	Superannuation
14	Shri P. Narayanan	Sr. PS	31-12-2019	Superannuation



Shri D. K. Shukla, ED, AERB felicitating Shri S. A. Bhardwaj, Chairman, AERB in presence of Shri G. Nageswara Rao, Chairman designate



Smt. Sheela Mohan, CAO, AERB presenting plaque to Shri S. A. Bhardwaj, Chairman, AERB



*Chairman and ED, AERB felicitating
Shri V. Balasubramanian, Director, NSARG & SRI*



Chairman, AERB felicitating Shri S. K. Ghosh, Head, DRI



Chairman, AERB presenting AERB Memento to Shri L. B. Mahale



Chairman, AERB presenting AERB Certificate to Dr. Baburajan



Chairman, AERB Felicitating Smt. Mallika Nair, Sr. PS



Chairman, AERB felicitating Shri Narayanan, Sr. PS

PHOTO GALLERY: AERB ANNUAL DAY 2019 CELEBRATION



Shri S. Bansal, President, AERB Staff Club delivering Welcome address



Shri Nikhil, Treasurer, AERB Staff Club presenting Annual Progress Report

**Performances
at the AERB
Annual Day
Celebration by
Staff and their
Children**

