

## A Brief Report on the Training Course on “Basic Radiological Safety and Regulatory Measures for Nuclear Facilities”, organised by BSC Secretariat

BSC Secretariat (BSCS) conducts many short-term training courses for the working personnel of BARC facilities as part of its mandate. One such regular training course is on “Basic Radiological Safety and Regulatory Measures for Nuclear Facilities”. The thirty third course of this series was conducted at Raja Ramanna Centre, Rare Material Projects (RMP), Mysuru, during March 15-18, 2017.

During the inauguration of the training course on March 15, 2017, Shri K. Jayarajan, Head, BSCS briefed the role of such training courses towards improving safety in the BARC facilities. Shri Y. K. Taly, Chairman, BARC Safety Council (BSC) introduced the course and explained its relevance to the participants. Chief Guest of the function, Dr. G. Gouthaman, RRF and Former Chairman, BSC explained the necessity of adhering to regulatory codes, guides and procedures. The key note speaker, Shri K. C. Guha, AD, ChTG thanked BSCS for conducting the programme at RMP, Mysuru and expressed that this would improve safety awareness among the participants and other facility personnel. Shri B. S. Arun Kumar, Training Superintendent, RMP, Mysuru proposed vote of thanks.

The training course was carried out through classroom lectures and video displays. It covered topics, such as regulatory framework of BARC; radiation protection in fuel

fabrication facilities; dosimetry and dose control; radiation detection and measurement; radiation monitoring around nuclear facilities; occupational health care; management of internal contamination; preparedness and response for nuclear and radiological emergencies; biological effects of radiation; transportation of radioactive materials and improvement of safety culture in the facilities. In addition to the faculties from BSCS, experts from Radiation Safety Systems Division, Radiological Physics & Advisory Division, Medical Division, Industrial Hygiene & Safety Section, Fire Services Section, Centre for Design & Manufacture, BARC, Trombay, and RMP, Mysuru have shared their knowledge and experience to the participants. A written test was conducted at the end of the course. Feedback on the training course was taken from the participants for improving the future courses. Forty participants from RMP, Mysuru and MDD, BARC, Trombay attended the course.

Certificates were distributed to the participants during valedictory function held on March 18, 2017. The function was graced by Dr. T. K. Bera, Former Director, ChTG; Shri Srikanthan, Former Project Director, RMP; Shri A. Nandakumar, Senior Project Engineer, RMP and Shri S. K. Garai, BSCS. The training programme was well appreciated by the participants and the RMP management.



Shri K. Jayarajan, Shri Y. K. Tally, Dr. G. Gouthaman and Shri K. C. Guha during the release of compiled lecture notes



Shri Y. K. Taly, Chairman, BSC giving remarks on the mandate of BSC on safety.