

N.11: Licensing certificate distribution function of the 4th batch of Indus operation staff

Synchrotron Radiation Sources Indus-1 and Indus-2 at RRCAT, constituting a national facility, are being operated to cater to the requirement of researchers from various R&D institutes and universities from all over India. Both Indus-1 and Indus-2 are operated in round-the-clock mode since April 2010 by the personnel specially trained and qualified under the Training, Qualification, and Licensing Programme (TQLP) for the operation of Indus accelerators.

The TQLP is a six month long comprehensive programme which covers all sub-systems of Indus accelerators as well as auxiliary and safety systems, and is aimed at developing all round skills for safe and efficient operation of Indus accelerators with full emergency preparedness.

Under this programme, the operating personnel are qualified at three different levels, namely, Level-3, Level-4 and Level-5. The training programme involves various stages such as training through lectures, written examination, on-job training, clearing of checklists, walk-through examination and an interview by the Licensing Committee for Indus Operations. The training programme is conducted by Indus Operations Division.

The trained and licensed personnel are designated as Shift In-charge (Level-3), Beam Physicist (Level-3/4), Health Physicist (Level-3/4), System Supervisor (Electrical/Electronics) (Level-4) and System Supervisor (Mechanical) (Level-4/5).



Dignitaries with licensed crew members and attendees.

The TQL programme for the fourth batch of Indus operation staff ended in June 2019, in which 29 personnel successfully completed the training. The licensing certificate distribution ceremony was held on Monday, June 24, 2019. Shri D. K.

Shukla, Executive Director, AERB was the Chief Guest for this function. They were awarded licences for operating Indus accelerators. In this function, licence renewal certificates were also distributed to 29 operation staff whose licences were renewed in March earlier this year. In his speech, Chief Guest, Shri D. K. Shukla stressed on the usefulness of such training programmes for safe operation of the facilities in various DAE units. He also motivated the trainees by highlighting the importance of operation and maintenance activities.



Chief Guest Shri D. K. Shukla distributing the licensing certificate.



Shri S. C. Joshi presenting memento to the Chief Guest.

Shri S. C. Joshi, Director, RRCAT presided over the function. Shri A. C. Thakurta, Director, Electron Accelerator Group and In-charge, Indus Accelerator Complex delivered welcome address. Shri R. K. Sahu, Head, Indus Operations Division made a presentation on the TQL programme.

In addition to the licence awardees, the function was attended by the course coordinators, lecturers and other invited guests. Shri R. K. Nathwani conducted the programme and proposed the vote of thanks.

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