

**BRNS Workshop on Evaluation of Nuclear Structure and Decay Data
(ENSDD2012)**

Programme

Venues

Ajay Divatia Lecture Hall, VECC, Kolkata (for Lectures)

Raja Ramanna Research Scholars' Wing, VECC, Kolkata (for Practical sessions)

26/11/2012 Monday

9:30 – 10:00 Registration (in front of Ajay Divatia Lecture Hall)

Inaugural Session

10:00 – 10:25 Welcome address Variable Energy Cyclotron Centre: Opportunities for precision nuclear data
D.K. Srivastava

10:25 – 11:15 Key note address: Dr. D. Abriola (IAEA)

11:15 – 11:20 Vote of Thanks

11:20 – 12:00 High Tea

12:00 – 13:00 Aim of the Workshop: General feature, History
J.K. Tuli

13:00 – 13:30 Experimental activities on nuclear physics at VECC
S. Bhattacharya

13:30 – 14:30 Lunch

14:30 – 15:00 Nuclear Data activities through NDPCI
A. Saxena

15:00 – 15:30 ^{139}Ba decay: Precise half-life measurement and gamma-spectroscopy at BARC: an offshoot of ENSDF evaluation work
P.K. Joshi

15:30 – 16:00 Tea Break

16:00 – 17:30 Practical Session (at Raja Ramanna Research Scholars' Wing)

27/11/2012 Tuesday

09:30 – 10:15 Introduction to ENSDF format and Policies
Dr. J.K. Tuli

10:15 – 11:00 Reaction data sets in ENSDF, and XUNDL database
B. Singh

11:00 – 11:30 Tea/Coffee break

11:30 – 12:10 Decay data evaluation
D. Abriola

12:10 – 12:50 Horizontal evaluation A.K. Jain

12:50 – 13:30 Gamma-ray spectroscopic data: Indian perspective S. S. Ghugre

13:30 – 14:30 Lunch break

14:30 – 17:30 Practical sessions with coffee break 16:00 – 16:30 (at Raja Ramanna Research Scholars' Wing)

28/11/2012 Wednesday

09:30 – 10:15 Averaging methods in evaluation, and an averaging tool B. Singh

10:15 – 11:00 ENSDF Analysis codes J.K. Tuli

11:00 – 11:30 Tea/Coffee break

11:30 – 13:30 Practical sessions (at Raja Ramanna Research Scholars' Wing)

13:30 – 14:30 Lunch break

15:00 Bus Leaves for Cruise on Ganges and Dinner

29/11/2012 Thursday

09:30 – 10:15 Web nuDat and bibliographic data base S.K. Basu

10:15 – 11:00 NNDC Web services J.K. Tuli

11:00 – 11:30 Tea/Coffee break

11:30 – 12:15 Nuclear Theory for the Experimentalists and evaluators A.K. Jain

12:15 – 13:30 Visit to the VECC Facilities

13:30 – 14:30 Lunch break

14:30 – 17:30 Practical sessions (coffee break 16:00 – 16:30 at Raja Ramanna Research Scholars' Wing)

Groups for Practical Sessions:

Group-1: J.K. Tuli/Paresh Joshi (Po-215)

Group-2: D. Abriola (Bi-215)

Group-3: A.K. Jain/S.S. Dhindsa (Fr-215 & Ac-215)

Group-4: B. Singh/Suresh Kumar (Ra-215)

Group-5: S.K. Basu/G. Mukherjee (At-215 and Rn-215)