



“Nuclear Material Accounting and Control: Current Practices and Future Perspectives” (NUMAC-PP 2013)

OCTOBER 3-4, 2013

Venue: Homi Bhabha National Institute, Anushaktinagar, Mumbai 400 094

Organised by

School of Nuclear Material Characterization Studies (SNMCS)

Global Centre For Nuclear Energy Partnership (DAE, India).



School of Nuclear Material Characterization Studies (SNMCS), Global Centre For Nuclear Energy Partnership (DAE, India) is organizing a Two day workshop cum training course on Nuclear Material Accounting and Control: Current Practices and future perspectives (NUMAC-PP 2013) at Homi Bhabha National Institute, Anushaktinagar, Mumbai during Oct. 3-4, 2013.

NUMAC-PP 2013 will provide a platform to review NUMAC activities of past, present and future. This will also provide a forum for deliberating on the challenges and opportunities with respect to control and accounting of SNM.

Scope of NUMAC-PP 2013

- ❖ Introduction to nuclear safeguards
- ❖ Introduction to SNM and basic principles of nuclear material management
- ❖ Sampling in nuclear materials safeguards
- ❖ Destructive sample analysis, based on electrochemical methods, for assay of SNM
- ❖ Destructive sample analysis, based on Mass Spectrometry, for assay of SNM
- ❖ Passive non destructive assay of SNM
- ❖ Active non destructive assay of SNM
- ❖ Statistical aspects of NM accounting and auditing
- ❖ Containment and surveillance for SNM
- ❖ Nuclear forensic methods in safeguards
- ❖ Emerging trends in safeguards and NUMAC

Participation of DAE delegates is through nomination. Others may write to the Secretary, NUMAC-PP 2013.

NO REGISTRATION FEE

Accommodation:

Accommodation for outstation DAE participants will be arranged in BARC Guest House. Request for Accommodation should be sent to pkkalsi@barc.gov.in on or before August 20, 2013.

Organizing Committee

Mayya Y.S., Proj. Director, GCNEP ... **Chairman**
Tomar B.S., Head, RACD, BARC ... **Convener**
Kalsi P.K., RACD, BARC ... **Secretary**
Gandhi P.M., FRD, BARC
Gangotra S., DAE
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Khan K.B., RMD
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Pradeep Kumar K.S., RSSD, BARC
Pradeep Kumar, RACD, BARC
Ranajit Kumar, SNSS, BARC
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Sawant L.R., RACD, BARC
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