

## Program Schedule: Workshop on “Detection & Response to Radiological Emergencies / Threats”

Conducted by School of Radiological Safety Studies (SRSS), GCNEP

Course Director: Dr. Pradeepkumar K.S., Head SRSS-GCNEP & Radiation Safety Systems Division, BARC, Mumbai-85

Faculty : Radiation Safety Systems Division, BARC, Mumbai-85

Day/Date	09:30-10:15	10:45-11:45	12:00-13:00		14:00-15:00	15:00-16:00		16:15-17:15	
21.04.14	Inauguration	T E A	Invited talk – Prevention and Response to Radiological Threats  Dr. Pradeepkumar KS		Nuclear Security Threats  Shri. Probal Chaudhury	Radioactivity, Ionizing Radiation, Radiation Units and Dose Limits, Exposure Pathways  Dr. S. Murali		Radiation Detection Instruments  Shri. Ashok Kumar	<u>Hands-on Equipment Orientation</u>  S/ Shri. Shashank, Ashok kumar, Murali, Patil, Pujari, Vikas Lal
22.04.14	Radiation Hazard Control and Personal Protective Equipment  Shri. R.N. Pujari	RDD/IND/RED*: Possible Sources and Radiological Impact  Dr. S Murali	Detection, Interdiction And Response To Nuclear Security Threats  Shri. Ashok kumar	L U N	Guidelines for preparation of Standard Operating Procedures for Detection, Interception  Dr. S Murali	Threat of a Terrorist Attack  Response to Radiological emergency (Movie)  Shri. Shashank Saindane	T E	Threat Scenarios and Search Procedures;  Prevent, Detect & Interdict Nuclear Security Threats at MPEs  Shri. Shashank Saindane	
23.04.14	Action during a Radiological Emergency  Exercise  Ranjit / Shashank / R.N. Pujari / Vikas / Murali / Patil	Response to Nuclear/Radiological Emergencies <i>Role of Various Agencies</i>  Shri Rajvir Singh	Safety and Security of sources  Shri. R Sharma	C H	Role of First Responder  Shri. Rajvir Singh	Radioactive Material Breakthrough in a Venue Checkpoint  RS / Shashank / R N Pujari / Vikas Lal / Patil	A	Suspicious Malicious Act in a Public Area  Shri. Pujari / Vikas Lal/ Patil	
24.04.14	Nuclear Security Events: <i>Case study</i>  Shri. Ranjit Sharma	Radiological Incident Case study(Goiania) Shri. Shashank Saindane  Case study (Mayapuri)  Shri. R Sharma	Table top exercise  Ranjit / Shashank / R.N. Pujari / Vikas / Patil		Table top exercise  Ranjit / Shashank / R.N. Pujari / Vikas / Patil	Examination  R.N. Pujari / Vikas / Patil		Feedback And Valedictory Session	

\*RED- Radiological Exposure Device, IND – Improvised Nuclear Device, RDD – Radiological Dispersal Device