

International Training Course on Security of Radioactive Sources
Global Centre for Nuclear Energy partnership (GCNEP)
9 to 13 October 2017
AGENDA

Day 1: Monday, 9 October 2017

Time	Session	Action
09:00 – 09:45	<ul style="list-style-type: none"> • Welcome address • Opening remarks • Objectives of the Training Course • Introduction of participants and faculties 	GCNEP IAEA
09:45 – 10:15	Overview of GCNEP Programme	DAE (Ranjit Kumar)
10:15 – 11:00	IAEA Programme of Activities for the Security of RA Sources	IAEA (G Liebenberg)
11:00 – 11:15	<i>Coffee Break</i>	
11:15 – 12:00	Basic Radiation Protection Principles – Ionizing radiation and the effects thereof	DAE (S Murali)
12:00 – 12:45	Nuclear Security Regime for Radioactive Sources	IAEA (M Strosinski)
12:45 – 14:00	<i>Lunch</i>	
14:00 – 15:30	Consequences of Loss of Control and Malicious Use of Sources	DAE (Pradeepkumar)
15:30 – 16:00	<i>Coffee Break</i>	
16:00 – 17:30	Code of Conduct on Safety and Security of Radioactive Sources	IAEA (G Liebenberg)
17:30 – 18:00	General Discussions	All

Day 2: Tuesday, 10 October 2017

Time	Session	
09:00 – 09:15	<i>Review of Day 1</i>	All
09:15 – 10:30	Applications of Radioactive Sources	DAE (Lalit Varshney)
10:30 – 11:00	<i>Coffee Break</i>	
11:00 – 11:45	Graded Approach and Source Categorization	IAEA (G Liebenberg)
11:45 – 12:30	Understanding and Addressing Threat Environments	IAEA (M Strosinski)
12:30 – 14:00	<i>Lunch</i>	
14:00 -14:45	Security and Physical Protection basic concepts (Part 1)	IAEA (M Strosinski)
14:45 – 15:30	Security and Physical Protection basic concepts (Part 2)	IAEA (M Strosinski)
15:30 – 16:00	<i>Coffee Break</i>	
16:00 – 17:30	National Experiences and Discussions	Participants
17:30 – 18:00	General Discussion	All

Day 3: Wednesday, 11 October 2017

Time	Session	
08:45 – 09:00	<i>Review of Day 2</i>	All
09:00 – 09:30	Regulations for the Security of radioactive Sources	IAEA (M Strosinski)
09:30 – 10:00	Nuclear Security Culture	IAEA (G Liebenberg)
10:00 – 10:45	National Source Registry	AERB (AU Sonawane)
10:45 – 11:00	<i>Coffee Break</i>	
11:00 – 11:45	Security Management	IAEA (G Liebenberg)
11:45 – 12:30	Development of Security measures	IAEA (M Strosinski)
12:30 – 13:30	<i>Lunch</i>	
14:00 – 18:00	Visit to Radiation Facility	All

Day 4: Thursday, 12 October 2017

Time	Session	
09:00 – 09:15	<i>Review of Day 3</i>	All
09:15 – 10:00	Security Measures for Transport of Radiation sources	AERB (Manju Saini)
10:00 – 10:30	ITDB	IAEA (G Liebenberg)
10:30 – 11:00	<i>Coffee Break</i>	
11:00 – 11:45	Presentation on types of handheld equipment	DAE
11:45 – 12:30	<i>Hands-on sessions on radiation detection equipment</i>	All
12:30 – 14:00	<i>Lunch</i>	
14:00 – 15:30	Group Exercises – Response and investigation of radioactive source security events	All
15:30 – 16:00	<i>Coffee Break</i>	
16:00 – 17:00	Feedback and discussion of Group Exercises	All

Day 5: Friday, 13 October 2017

Time	Session	
9:00 – 9:15	<i>Review of Day 4</i>	All
9:15 – 9:45	Import and Export Controls	IAEA (M Strosinski)
9:45 – 10:30	IAEA Assistance and the INSSP approach	IAEA (G Liebenberg)
10:30 – 11:00	<i>Coffee Break</i>	
11:00 – 11:30	Evaluation and Discussion of Course	All
11:30 – 12:00	Closing remarks and Feedback	GCNEP and IAEA
12:00 – 12:30	Certificate Ceremony	All
12:30 – 14:00	<i>Lunch</i>	