

Global Centre for Nuclear Energy Partnership

National Training Program on Food Irradiation for Food & Quarantine Inspectors, and Facility Operators

GCNEP, Bhahadurgarh

February 11-15, 2013

Tentative Program

Day/Date	9:30-10:30		11:00-12:00		12:00-13:00		14:00-15:00	15:00-16:00		16:15-17:15
11/2	Inauguration	T E A	Food Irradiation-An Overview		Food Irradiation-International Perspective		Radiation Sources, Quantities & Units	Physical Interaction of Radiation with Matter		Chemical Interaction of Radiation with Bio-molecules-I
	10:00-11:00		11:00-12:00		12:15-1:15	L U N C H	14:00-15:00	15:00-16:00	T E A	16:15-17:15
12/2	Biological Interaction of Radiation-I	Chemical Interaction of Radiation with Bio-molecules-II	T E A	Biological Interaction of Radiation-II	Radiation Risk, Detection and Personnel Monitoring		Radiation Processing of Fruits & Vegetables	Radiation Processing of Cereals & Pulses		
13/2	Radiation Processing of Meat & Fish	Radiation Processing of Spices		Food Irradiation Dosimetry, Dose inter-comparison & Validation	Chemical Dosimetry & QA		Irradiation Facility-Design & Safety Features-I	Irradiation Facility-Design & Safety Features-II		
14/2	Visit to Food Irradiation Facility									
15/2	Radiation Protection in Irradiation Facilities	Regulatory Aspects-I		Regulatory Aspects-II		Auditing Requirements-Sanitary Applications	Auditing Requirements-Phytopsanitary Applications		Valedictory	