

No. 20/78/2020-NICFS  
Government of India  
LNJN National Institute of Criminology & Forensic Science  
( Ministry of Home Affairs )

Dated February, 2021

<b>Event</b>	2 <sup>nd</sup> Course on Post –Blast Investigation (PBI) and Forensic Analysis of improvised Explosive Device Blast Cases (01 – 05 March, 2021) <b>Online Mode</b>
<b>Course Coordinator</b>	<b>Dr. J. K. Modi</b>

**Programme & Schedule**

<b>Day 1, 01.03.2021 (Monday)</b>	
Session 01 1000-1015	<b>Establishing online link with participants and speaker</b> Address by Course Coordinator
Session 02 1015-1130	Global scenario of Explosions caused by Improvised Explosive Devices and challenges.: <b>Dr. N. C. Asthana, IPS (Retd)</b>
Session 03 1130-1300	Classification of explosive materials: <b>Dr. Vinod Dhingra</b>
1300-1400	<b>Lunch Break</b>
Session 04 1400-1530	General and Improvised methods of manufacture of explosive substances. <b>Dr. Vinod Dhingra</b>
Session 05 1530-1700	Explosion process and parameters.: <b>Dr. J. K. Modi</b>
<b>Day 02, 02.03.2021 (Tuesday)</b>	
Session 06 1000-1130	Chemistry of explosive substances.: <b>Shri Atul Bajaj</b>
Session 07 1130-1300	Improvised Explosive Devices: Construction and use.: <b>Dr. R. S. Verma</b>
1300-1400	<b>Lunch Break</b>
Session 08 1400-1530	Documentation and reconstruction of Post-Blast Crime Scene involving IEDs. <b>Dr. Deepak Middha</b>
Session 09 1530-1700	Identification of Physical and Digital Evidences at Post-blast Crime Scene involving IEDs.: <b>Dr. Deepak Middha</b>
<b>Day 03, 03.03.2021 (Wednesday)</b>	
Session 10 1000-1130	Analysis of Improvised Explosive Formulations by Spectroscopy.: <b>Dr. R. S. Verma</b>
Session 11 1130-1300	Analysis of Improvised Explosive Formulations by Chemical and Chromatographic methods.: <b>Dr. Sukhminder Kaur</b>
1300-1400	<b>Lunch Break</b>
Session 12 1400-1530	Detection of hidden explosives.: <b>Dr. V. S. Baswani</b>
Session 13 1530-1700	Laws and Procedures related to Explosive Substances.: <b>Dr. Sanjana Sharma</b>
<b>Day 04, 04.03.2021 (Thursday)</b>	
Session 14 1000-1130	Analysis of Improvised Explosive Formulations by Mass Spectroscopy. <b>Dr. R. S. Verma</b>
Session 15 1130-1300	Lecture continues

Contd....2/

; 2 :

1300-1400	<b>Lunch Break</b>
Session 16 1400-1530	Analysis of Improvised Explosive Formulations by Polarography and Thermal methods. <b>Dr. Sukhminder Kaur</b>
Session 17 1530-1700	Analysis of Improvised Explosive Formulations by NMR/ESR/XRD/CE. <b>Dr. Kavita Goyal</b>
<b>Day 05, 05.03.2021 (Friday)</b>	
Session 18 1000-1130	Analysis of Post-Explosion Residues recovered from bombing scene involving IEDs, case studies and reporting.: <b>Dr. Deepak Middha</b>
Session 19 1130-1300	Lecture continues
1300-1400	<b>Lunch Break</b>
Session 20 1400-1530	Group Discussion: Forensic Investigation of bombing scene involving IEDs <b>Dr. J. K. Modi, Dr. Deepak Middha and Dr. O. P. Taneja</b>
Session 21 1530-1700	Group Discussion: Reporting of bombing scene involving IEDs <b>Dr. R. S. Verma</b>
1700-1730	Course feedback and interaction with participants <b>Dr. J. K. Modi</b>

Sd/

**Dr. J.K. Modi**  
Course Coordinator