

**Workshop for District Judiciary on Medical Forensics & Medico-Legal  
Aspects in Trial [P-1305]**

10<sup>th</sup> – 11<sup>th</sup> September, 2022  
National Judicial Academy (NJA), Bhopal

**PROGRAMME SCHEDULE**

<b>DAY-1: 10.09.2022 (Saturday)</b>	<b>SESSION(S)</b>
<p align="center"><b>TIMING</b></p> <p align="center"><b>10:00 AM - 11:30 AM</b></p> <p align="center"><i>(11:15 AM – 11:30 AM)</i> <b>Q&amp;A</b></p>	<p align="center"><b><u>SESSION 1</u></b></p> <p align="center"><b>Fundamentals of Medical Forensic Law and Medical Negligence: Setting the Context</b></p> <p><b><u>Proposed Scope of discussion:</u></b></p> <ul style="list-style-type: none"> <li>• Historic Evaluation of Forensic Law</li> <li>• Liability/Issues arising out of Medical Negligence and Malpractices (both vicarious and non-vicarious)</li> <li>• Open Session Discussions (Q&amp;A)</li> </ul> <p><b><u>Speakers:</u></b></p> <p align="center"><i>Justice Atul Sreedharan Dr. Lalit Kapoor</i></p>
<b>11:30 AM - 12:00 PM</b>	<b>Tea Break</b>
<p align="center"><b>12:00 PM - 1:30 PM</b></p> <p align="center"><i>(1:15AM-1:30 PM)</i> <b>Q&amp;A</b></p>	<p align="center"><b><u>SESSION 2</u></b></p> <p align="center"><b>Identifying Challenge &amp; Culling out Best Practices</b></p> <p><b><u>Proposed cope of discussion:</u></b></p> <ul style="list-style-type: none"> <li>• Engaging participants to identify major bottlenecks in order to formulate feasible &amp; justiciable solutions</li> <li>• Challenges regarding the legality of Assisted Reproduction, <i>In Vitro Fertilization</i> (IVF) □ “Consent”, inability to consent, and treating in the “best interest” the scope and limitations</li> <li>• Best Practices and Case Law Jurisprudence on: <ul style="list-style-type: none"> <li>A. <i>Expert Opinion</i></li> <li>B. <i>DNA Technology</i></li> <li>C. <i>Finger Prints</i></li> <li>D. <i>Hand Writing</i></li> <li>E. <i>Footprint &amp; Footwear Analysis</i></li> <li>F. <i>Digital Evidence</i></li> </ul> </li> <li>• Open Session Discussions (Q&amp;A)</li> </ul> <p><b><u>Speakers:</u></b></p> <p align="center"><i>Justice Atul Sreedharan Justice K. Kannan</i></p>
<b>1:30 PM - 02:30 PM</b>	<b>Lunch</b>



DAY-2: 11.09.2022 (Sunday)	SESSION(S)
10:00 AM - 11:30 AM  (11:15 AM – 11:30 AM) Q&A	<p style="text-align: center;"><b><u>SESSION 4</u></b></p> <p style="text-align: center;"><b>Application of Judicial Mind to Evaluate Forensic Evidence: Judge as a Gate-Keeper</b></p> <p><b><u>Proposed scope of discussion:</u></b></p> <ul style="list-style-type: none"> <li>• Evaluating forensic evidence</li> <li>• Determining the probative value of forensic</li> <li>• The “Individualization Fallacy”: Exaggerated and definitive opinions without any scientific justification: invalidated assumptions</li> <li>• Dichotomy of <i>ipse dixit</i> of expert opinion <i>versus</i> judge as a “super expert”</li> <li>• Determining the veracity of “Presumptive Tests”</li> <li>• Impact of “Cognitive Biases” on forensic evidence</li> <li>• Case Law Jurisprudence</li> <li>• Open Session Discussions (Q&amp;A)</li> </ul> <p><b><u>Speakers:</u></b></p> <p style="text-align: center;"><i>Justice Mukta Gupta</i> <i>Justice K. Kannan</i></p>
11:30 - 12:00 Noon	<b>Tea Break</b>
12:00 PM - 1:30 PM  (1:00PM – 1:15 PM) Q&A	<p style="text-align: center;"><b><u>SESSION 5</u></b></p> <p style="text-align: center;"><b>Impact of Technology on Forensics Evidence <u>Propose</u></b></p> <p><b><u>Proposed scope of discussion:</u></b></p> <ul style="list-style-type: none"> <li>• DNA analysis and its impact on judicial decision making</li> <li>• Mitochondrial DNA and Y-STR DNA</li> <li>• Use of AI and Machine Learning in current status of Medical Forensic leading to efficient Justice Delivery Mechanism</li> <li>• Novel technology enabling Autopsy, Biosensors (fingerprints), Immunochromatography, Geolocating Isotopes, Forensic Palynology, Digital Vehicle Forensics, Blockchain Forensics, Drone Forensics etc.</li> <li>• Open Session Discussions (Q&amp;A)</li> </ul> <p><b><u>Speakers:</u></b></p> <p style="text-align: center;"><i>Justice Mukta Gupta</i> <i>Dr. Jayanthi Yadav</i> <i>Ms. Nisha Menon</i></p>
1:15 PM- 1:30 PM	<i>Audit of the Course by Participant Judges</i>
1:30 PM	<b>Lunch &amp; Departure</b>

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