

**National Judicial Academy**  
**P-1353: Workshop on Medical Forensics**  
12<sup>th</sup> – 13<sup>th</sup> August, 2023

**Programme Coordinator** : Ms. Shruti Janu Euebius and Ms. Ankita Pandey  
**No. of Participants** : 43  
**No. of forms received** : 43

<b>I. OVERALL</b>				
<b>PROPOSITION</b>	<b>To a great extent (%)</b>	<b>To some extent (%)</b>	<b>Not at all (%)</b>	<b>Remarks</b>
a. The objective of the programme was clear to me	<b>95.35</b>	<b>4.65</b>	-	3. Very useful. 15. Sufficiently clear to me. 19. Good. 20. Very good. 31. Queries were answered with recent references vital topics were addressed. 43. Good.
b. The subject matter of the programme is useful and relevant to my work	<b>86.05</b>	<b>11.63</b>	<b>2.32</b>	3. Yes. 15. It will for sure benefit me in my work. 19. Good. 20. Very good. 43. Good.
c. Overall, I got benefited from attending this programme	<b>95.35</b>	<b>4.65</b>	-	3. Extremely beneficial. 15. Truly, I got very much benefitted. 19. Good. 20. Very good. 43. Good.
d. I will use the new learning, skills, ideas and knowledge in my work	<b>90.70</b>	<b>9.30</b>	-	3. Yes. 15. For sure. 19. Good. 20. Very good. 43. Good.
e. Adequate time and opportunity was provided to participants to share experiences	<b>87.80</b>	<b>12.20</b>	-	3. Yes. 15. Yes, I agree. 19. Good. 20. Very good. 43. Good.
<b>II. KNOWLEDGE</b>				
<b>PROPOSITION</b>	<b>To a great extent (%)</b>	<b>To some extent (%)</b>	<b>Not at all (%)</b>	<b>Remarks</b>
The programme provided knowledge (or provided links / references to knowledge) which is:				
a. Useful to my work	<b>85.37</b>	<b>12.20</b>	<b>2.43</b>	3. Yes. 15. Definitely. 20. Very good. 31. Detailed theory as well as practical oriented classes. 43. Good.

b. Comprehensive (relevant case laws, national laws, leading text / articles / comments by jurists)	<b>90.70</b>	<b>9.30</b>	-	3. Yes. 15. Lectures were outstanding on the subject and will improve our skill. 20. Very good. 43. Good.
c. Up to date	<b>95.35</b>	<b>4.65</b>	-	3. Yes. 15. Yes. 20. Very good. 43. Good.
d. Related to Constitutional Vision of Justice	<b>93.02</b>	<b>6.98</b>	-	3. Yes. 15. Yes. 20. Very good. 43. Good.
e. Related to International Legal Norms	<b>84.62</b>	<b>10.26</b>	<b>5.12</b>	3. Yes. 15. Yes. 20. Very good. 43. Good.

### III. STRUCTURE OF THE PROGRAMME

<b>PROPOSITION</b>	<b>Good (%)</b>	<b>Satisfactory (%)</b>	<b>Unsatisfactory (%)</b>	<b>Remarks</b>
a. The structure and sequence of the programme was logical	<b>95.35</b>	<b>4.65</b>	-	3. Extremely well-thought out programme. 15. Found good. 20. Very good. 31. Appropriate time provided for each class with moderate breaks. 43. Good.
b. The programme was an adequate combination of the following methodologies viz.				
(i) Group discussion cleared many doubts	<b>87.50</b>	<b>12.50</b>	-	20. Very good. 43. Good.
(ii) Case studies were relevant	<b>92.86</b>	<b>7.14</b>	-	20. Very good. 43. Good.
(iii) Interactive sessions were fruitful	<b>95.12</b>	<b>4.88</b>	-	20. Very good. 43. Good.
(iv) Audio Visual Aids were beneficial	<b>92.68</b>	<b>7.32</b>	-	20. Very good. 43. Good.

### IV SESSIONS WISE VETTING

Parameters				
Session	Discussions in individual sessions were effectively organized		The Session theme was adequately addressed by the Resource Persons	
	Effective and Useful (%)	Satisfactory (%)	Effective and Useful (%)	Satisfactory (%)
1	<b>95.24</b>	<b>4.76</b>	<b>100.00</b>	-
2	<b>95.00</b>	<b>5.00</b>	<b>96.77</b>	<b>3.23</b>
3	<b>92.50</b>	<b>7.50</b>	<b>96.67</b>	<b>3.33</b>
4	<b>100.00</b>	-	<b>100.00</b>	-
5	<b>97.50</b>	<b>2.50</b>	<b>96.77</b>	<b>3.23</b>

<b>V. PROGRAMME MATERIALS</b>				
<b>PROPOSITION</b>	<b>To a great extent (%)</b>	<b>To some extent (%)</b>	<b>Not at all (%)</b>	<b>Remarks</b>
a. The Programme material is useful and relevant	<b>95.35</b>	<b>4.65</b>	-	3. Most informative. 31. For future reference it is valuable. 43. Good.
b. The content was updated. It reflected recent case laws/ current thinking/ research/ policy in the discussed area	<b>95.35</b>	<b>4.65</b>	-	3. Effective. 43. Good.
c. The content was organized and easy to follow	<b>93.02</b>	<b>6.98</b>	-	3. Yes. 43. Good.

<b>VIII. GENERAL SUGGESTIONS</b>	
1. Three most important learning achievements of this Programme	<p>1. I learnt medical and forensic law, Forensic intervention vis-à-vis bodily integration privacy forensic evidence how to education adjudication medical negligence cases and impact of technology on forensic evidence.</p> <p>2. 1. With technical expertise presentation it helps in better understanding the subject. Which will contribute to deal effectively and enable to adjudicate. 2. Clear with field doubts which are useful to discharge judicious functions.</p> <p>3. 1. New outlook on the recent development in forensic. 2. The new principles followed in this field. 3. The precedents established in this field.</p> <p>4. 1. DNA analysis and its impact on judicial decision making. 2. Evaluation of forensic law. 3. Forensic science in adjudication.</p> <p>5. 1. How samples are to be collected and importance of proper investigation. 2. Principles to follow while studying forensic evidence. 3. Technical aspects of understanding of the subject.</p> <p>6. Medical forensic - Technique and new development in it. Medical negligence-what to do followed by understanding the case law.</p> <p>7. It was very practical for my work. Very informative. Practical concept cleared.</p> <p>8. Bolam test. How technologies emerge in the field of forensic science. Right to privacy in context of collection of forensic evidence.</p> <p>9. Medical negligence. Right to die Autopsy – Virtopsy.</p> <p>10. Details of forensic science and its development basing on which change in judicial thought.</p> <p>11. Appreciation of forensic evidence. Right to privacy. Relevancy of DNA profiling test, criminal jurisprudence.</p> <p>12. 1. Latest technique were updated. 2. Scientific knowledge was updated. 3. The integration of DNA profiling was well explained.</p> <p>13. 1. Fundamentals of forensic law. 2. Right of privacy while collecting evidence. 3. The relevancy of forensic evidence.</p> <p>14. 1. Regarding forensic evidence, collection preservation by Justice Atul Sreedharan &amp; Justice S.L. Vaya. 2. Medical negligence and liability of medical</p>

officers by Justice G.R. Swaminathan and Justice K. Kannan. 3. DNA analysis & Profiling -Artificial Intelligence by Dr. Nisha Menon.

15. 1. Learned new things. 2. Most of doubts cleared and enhanced skill.

16. 1. It helps to find complicity of the access with the offence committed as alleged. 2. It would help in appreciating evidence. 3. It would help to determine the causes of death, time of death etc. in blind murder case.

18. 1. Forensic evidence is most essential in cases based on circumstantial evidence. 2. Tools for appreciation of forensic evidence have been taught/supported by case laws. 3. Medical negligence and appreciation of evidence.

19. Learning about AI in forensic science is very useful.

20. Value of forensic science. Medical negligence. Bodily integrity and privacy.

21. 1. Medical negligence: Adjudicatory challenges. 2. Impact of technology on forensic evidence. 3. Fundamentals of medical forensic law.

22. 1. Complete awareness of the subject. 2. Inspired to learn more.

23. The program has enhanced the knowledge of forensic and helpful to analyse the same scientifically.

24. What should be the approach while appreciating the forensic evidence. To uphold the importance of one's privacy while dealing cases involving infringement of privacy rights. Importance of AI in today's challenging world.

25. 1. Expert's evidence. 2. How and in what manner the same can be elaborated. 3. Bearing on the issue involved.

26. 1. Better understanding of medical forensic law. 2. Understanding of forensic evidence. 3. Discussion on liability arising out of medical negligence was fruitful.

27. Concept of medical forensic has been cleared. Analytical reasoning enhanced. Forensic specialization help investigation and criminal justice system to come to right conclusion.

28. 1. Learned about latest forensics and case laws. 2. Updates contents. 3. Use courses material.

29. Enhanced my knowledge to great extent.

30. Increase in knowledge in forensic science.

31. Shall ensure that the knowledge provided in the cases be exercised in the trial proceedings.

32. Virtopsy versus autopsy evidentiary value of DNA and its case law.

33. How to use the forensic evidence. Knowledge of the FSL. How and when samples needs to be taken.

34. Enhanced my knowledge in medical science, forensic science.

35. Such programmes particular - Forensic science and Artificial Intelligence must be taught periodically if possible.

36. 1. The programme is highly relevant for all the session judges. 2. Medical negligence classes was very enlightening. 3. Programme on DNA was very useful.

37. DNA analysis. Medical negligence. Right of privacy.

38. 1. DNA analysis. 2. Euthanasia. 3. Medical negligence.

39. DNA analysis, probative value of forensic evidence. Liability out of medical negligence.

	<p>40. 1. Knowledge is master. 2. No age of learning. 3. No. person complete in law or justice.</p> <p>41. Great workshop and very informative.</p> <p>42. DNA profiling, and its use.</p> <p>43. 1. About DNA test. 2. About update of forensic subject. 3. Medical negligence.</p>
<p>2. Which part of the Programme did you find most useful and why</p>	<p>1. All the program are useful for me, I gained much from this program to do my work effectively.</p> <p>3. The sessions with Hon'ble Justice Kannan was most useful. All the resource persons were extremely knowledgeable. The interaction have been immensely fruitful and help us in future.</p> <p>4. DNA analysis and its impact on judicial decision making.</p> <p>5. 1 DNA analysis and comparative study. 2. Liability forensic evidence. <b>Session 3: Forensic Intervention vis-à-vis Bodily Integrity &amp; Privacy and Session 5: Impact of Technology on Forensic Evidence.</b></p> <p>6. Medical negligence part. Forensic intervention vs Bodily integrity and privacy by Justice K. Kannan in lucid way.</p> <p>7. Justice Atul Sreedharan &amp; Justice K. Kannan as it was very informative.</p> <p>8. 1. Adjudicatory challenges in medical negligence cases. 2. Impact of technology on forensic evidence.</p> <p>9. Medical negligence. It's most elaborative.</p> <p>10. Medical negligence.</p> <p>11. <b>Session 2: Forensic Evidence: Collection, Preservation and Appreciation, Session 4: Medical Negligence: Adjudicatory Challenges and Session 5: Impact of Technology on Forensic Evidence.</b></p> <p>13. <b>Session 2: Forensic Evidence: Collection, Preservation and Appreciation, Session 4: Medical Negligence: Adjudicatory Challenges and Session 5: Impact of Technology on Forensic Evidence.</b></p> <p>14. Impact of technology on forensic evidence regarding. DNA, profiling, fingerprints, artificial intelligence – Virtopsy. This session is very useful to apply in murder cases.</p> <p>15. Not particular part. All I feel are most useful.</p> <p>16. Impact of technology on forensic evidence. Reason- It is used in day-to-day court proceedings.</p> <p>17. <b>Session 4: Medical Negligence: Adjudicatory Challenges and Session 5: Impact of Technology on Forensic Evidence</b> – Are very useful for a judicial worth regarding autopsy for criminal cases.</p> <p>18. <b>Session 1: Fundamentals of Medical Forensic Law: Setting the Context, Session 2: Forensic Evidence: Collection, Preservation and Appreciation, Session 3: Forensic Intervention vis-à-vis Bodily Integrity &amp; Privacy, Session 4: Medical Negligence: Adjudicatory Challenges and Session 5: Impact of Technology on Forensic Evidence.</b> – were useful.</p> <p>19. Medical negligence and malpractices dot DNA analysis and use of AI and machine learning.</p> <p>20. Medical negligence.</p> <p>21. Impact of technology on forensic evidence.</p> <p>22. Every programme was useful.</p>

	<p>23. Both fundamentals of medical forensic law and forensic investigation, collecting preservation handling and making of seizure of materials.</p> <p>24. Forensic evidence - collection. Preservation and appreciation. As the same was enlightening one.</p> <p>25. Each session was containing lot of info in the form of slides and case law. The same was perfectly organized.</p> <p>26. The entire workshop is very useful as the subject matter of the programme was clearly explained.</p> <p>28. 1. Medical negligence. 2. Impact of technology on forensics.</p> <p>29. Although all the sessions are useful but <b>Session 5: Impact of Technology on Forensic Evidence.</b> – was very informative and eye opener regarding DNA technology.</p> <p>30. All. Knowledge.</p> <p>31. Calculating the evidentiary value of the evidence extracted.</p> <p>32. <b>Session 5: Impact of Technology on Forensic Evidence</b> – Interesting chapter and useful for trial.</p> <p>33. Every part of the programme was useful.</p> <p>34. All sessions were very useful. Because it covered all the areas in very comprehensive manner.</p> <p>35. Forensic science/Investigation.</p> <p>36. <b>Session 5: Impact of Technology on Forensic Evidence</b> – was most useful from Dr. Nisha Menon as it would help me in adjudication of POCSO cases.</p> <p>37. DNA analysis. Medical negligence. Right of privacy.</p> <p>38. <b>Session 2: Forensic Evidence: Collection, Preservation and Appreciation</b> – Bodily integrity &amp; privacy. Brain mapping, Lie Detector- they give away while deciding the case.</p> <p>39. <b>Session 2: Forensic Evidence: Collection, Preservation and Appreciation</b> – Got an idea as to how exactly brain mapping, Narco analysis worked.</p> <p>40. Every part of programme is most useful for knowledge and learning for job.</p> <p>41. This was a very well done presentation.</p> <p>42. How DNA profile is done and what are the different part from where sample can be obtained.</p> <p>43. Medical negligence.</p>
<p>3. Does the programme need further modulations or change</p>	<p>4. Medical negligence.</p> <p>5. <b>Session 2: Forensic Evidence: Collection, Preservation and Appreciation.</b></p> <p>6. Impact of technology on forensic evidence by Dr. Nisha Menon as it was least useful for us at this stage of our designation.</p> <p>15. Not a one. All are beneficial to me.</p> <p>16. Medical negligence. It is used in rare cases.</p> <p>21. Impact of technology on forensic evidence.</p> <p>35. Forensic investigation.</p> <p>36. Evolution of forensic law as it is not directly useful to me.</p> <p>37. DNA analysis. Medical negligence. Right of privacy.</p>

	41. All parts of the programme very useful.
4. Kindly make any suggestions you may have on how NJA may serve you better and make its programmes more effective	<p>1. Conducting such programme will be useful for me.</p> <p>3. Similar seminars may be arranged.</p> <p>4. Its good as it is.</p> <p>5. It was very informative workshop and given a lot practical insight.</p> <p>6. Overall it was good. My suggestion will be to make us more conversant with the recent judgement on the topic and the judicial determination should be more focused.</p> <p>7. Everything is well organized and addressed the problem faced in daily routine.</p> <p>9. Material may be supplied in advance, through mail, to prepare and go through.</p> <p>13. Food quality need to be improved.</p> <p>15. Give some more days, and allow participants to come with their family.</p> <p>17. Labour laws and labour welfare acts to be include in the programme.</p> <p>23. The programme is very-very good and hospitality is also very good and service of NJA is memorable. Such types of programme are required for to the officers periodically in order to dispose the cases periodically.</p> <p>24. These workshops should be held intermittently to upgrade meet the challenges.</p> <p>25. Instead of short span, look forward for little considerable period like 4-5 days.</p> <p>26. Continue the good work.</p> <p>27. Extremely informative sessions.</p> <p>28. Provision/Arrangement on payment basis for a family member of the participants, especially female officers, be made in the Guest House.</p> <p>29. Time slots may be increased.</p> <p>31. Should have more classes for officers like us.</p> <p>33. NJA is doing its best keep it up.</p> <p>35. There can be more programme of Artificial intelligence and forensic investigation.</p> <p>39. More such programmes should be organized.</p> <p>40. In future kindly send study material for pre- preparation for the participant.</p> <p>41. Thank you for organizing and very special thanks to the great speakers.</p>