

Patnaik, Mrinal

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Date of Birth: 26th June, 1997

Nationality: Indian

ORCID: 0000-0002-4118-1739

Delhi Medical Council Registration. No: DMC/R/28673

EDUCATION

Bachelor of Medicine & Bachelor of Surgery (MBBS), University College of Medical Sciences, University of Delhi, India 2015–21

- *Compulsory Pre-Graduate internship (1st Jan 2020 to 28th Jan 2021)*
- Passed first class (60.78%)
- National Rank – 946, in All India Pre Medical Test – 2015, a National Level Examination taken by 1.2 million students for admission in medical schools in India.

M.D. Forensic Medicine and Toxicology, All India Institute of Medical Sciences (AIIMS) Bhopal, India.

2021–23

- Academic Honors- First amongst the residents in the Department; Dr Andre's Award for Best Paper Presentation by Postgraduate by Indian Society of Toxicology.

Post Graduate Certificate in Medical Management of CBRNE Disasters (PGCMDM), Indira Gandhi National Open University (IGNOU), Delhi, India

Jan - Jun '21

- Passed first class (60.20%)

Post Graduate Diploma in Medical Law and Ethics (PDGMLE), National Law School of India University (NLSIU), Bangalore, India

Sep '22 – Jul '23

- CGPA 4.75

B.Sc. Programming and Data Science, Indian Institute of Technology (IIT) Madras, Chennai, India (Online)

2021–27

- GPA: 6.8

- (Taking a break during MD)

CLINICAL EXPERIENCE

GURU TEGH BAHADUR HOSPITAL, DELHI

1st Jan 20 – 28th Jan 21

- Compulsory Pre-graduate Internship during MBBS

ALL INDIA INSTITUTE OF MEDICAL SCIENCES BHOPAL

1st Feb 21 – Till Date

- Department of Forensic Medicine & Toxicology, Junior Resident (Academic)

RESEARCH EXPERIENCE

Short Term Studentship, Indian Council of Medical Research

Aug 16 – Sep 16

- Principal Investigator, Pilot study. (*ICMR STS Ref No 2016-07047*) 'Effect of background hues of computer screen on wakefulness and task performance involving memory and concentration capabilities of medical students.'

Research Internship, Society for Indoor Environment

Mar 20 – Jul 20

- Intern, Data compilation & analysis, Project 'Air Quality Index' in collaboration with Embassy of USA.

Junior Resident (Academic), AIIMS Bhopal

Feb 21 – Present

- Title of MD Thesis: *Determination of viability of spermatozoa obtained posthumously from dead bodies brought to the mortuary of AIIMS Bhopal with varying post-mortem interval.*
- Intramural Funded Project: *Effect of ambient temperature on posthumous retrieval of male human gametes in the Indian population.*
- Extramural Funded Project: *Exploring the Humanitarian Handling of Dead Bodies and Dealing with Next of Kin in Medico-Legal Autopsies in central India: An Ethnographic Study (International Committee of the Red Cross)*

Involved in the following research projects as an investigator:-

- *A review of post-mortem microbiology in medicolegal autopsy cases done at AIIMS Bhopal during 2017-2022.*
- *To assess and compare supra- clavicular and infra- clavicular approaches to obtain blood sample from the subclavian vein in cadavers at autopsy.*
- *A histopathological and biochemical analysis of hormones and enzymes extracted from glands of the neck region in asphyxia deaths due to ligature hanging.*

- *An autopsy based morphometric and histopathological analysis of renal anomalies in central Indian population.*
- *RNA status for RT-PCR in extracts of postmortem human brain tissue.*

AWARDS

A. Academic & Co-curricular

1. **Dr Andre's Award for Best Paper Presentation by Postgraduate** – Indian Society of Toxicology Dec 2021
2. **2nd Prize, TOXQUIZ 2022** – National Level Quiz for Postgraduates of Medicine, Pediatrics, Anesthesiology & Critical Care, Emergency Medicine and Forensic Medicine & Toxicology, at 16th Annual National Conference of the Indian Society of Toxicology (IST). Nov 2022
3. **2nd Prize, Poster presentation**, One Day State level conference cum CME on Decomposition, AIIMS Bhopal May 2023

B. Extra-curricular

1. **2nd Prize**, English poetry competition, *Swachhta Pakhwada*, AIIMS Bhopal Apr 2021

PUBLICATIONS

A. PUBLISHED MANUSCRIPTS

1. Mishra HP, Goel A, Sahil Kumar, Chauhan M, **Patnaik M**, Rehman I. *Drug development hit by war*. JPADR. 2022 Jun. 1 Available from: <https://www.jpadr.com/index.php/jpadr/article/view/74>
2. Narayan, G., Mishra, H. P., Suvvari, T. K., Mahajan, I., **Patnaik, M.**, Kumar, S., Amanullah, N. A., & Mishra, S. S. (2023). The Surrogacy Regulation Act of 2021: A Right Step Towards an Egalitarian and Inclusive Society?. *Cureus*, 15(4), e37864. <https://doi.org/10.7759/cureus.37864>
3. Murmu, S. K., Keche, A. S., **Patnaik, M.**, & Sahoo, N. (2023). An Analysis of Psychological Perceptions of Survivors of Sexual Assault. *Cureus*, 15(5), e39618. <https://doi.org/10.7759/cureus.39618>
4. Moirangthem, S., Vidua, R., Jahan, A., **Patnaik, M.**, & Chaurasia, J. (2023). Phosphine Gas Poisoning: A Case Report. *The American journal of forensic medicine and pathology*, 10.1097/PAF.0000000000000855. Advance online publication. <https://doi.org/10.1097/PAF.0000000000000855>
5. Sangita M, Yadav J, Chaurasia JK, Arora A, Jahan A, **Patnaik M**. Hypoplastic coronary artery disease, as a cause of sudden death. *Autopsy and Case Reports*, 13, e2023440. <https://doi.org/10.4322/acr.2023.440>

B. MANUSCRIPTS UNDER REVIEW

1. Budholia T, Vidua RK, Dubey N, Tandon A, Arora A, **Patnaik M**, *A Comprehensive Examination of Post-Mortem Sperm Retrieval Techniques– A review article*. *Reproductive Biology*. . (Manuscript in review.)
2. Dubey N, Vidua RK, Budholia T, Tandon A, Arora A, **Patnaik M.**, *Ethical Considerations in Post-Mortem Sperm Retrieval: A Comprehensive Review* *Clinical Ethics*. (Manuscript in review.)
3. Sahoo N, Keche A S, Murmu S K, Bhushan D, **Patnaik M**. *A Study of Medical Evidence in Victims of Sexual Assault*. *Cureus* (): e. doi:10.7759/cureus. (Manuscript in review.)
4. Sibi V, Sravan JS, **Patnaik M**, Arora A. *Assessment and comparison of supraclavicular and infraclavicular approaches to obtain blood samples from the subclavian vein in cadavers at autopsy*. *Future health*. (Manuscript in review.)
5. Arora A, **Patnaik M**. *Exploring the ethical dimensions of autopsy: analyzing perspectives, rights, and privileges after passing*” *IJME* (Manuscript in review.)
6. **Patnaik M**, Kaushik R, Vaney N. (2020) *Effect of background hues of computer screen on wakefulness and task performance involving memory and concentration capabilities of medical students*. *IJPP*. (Manuscript in review.)

C. CONFERENCE ORAL PRESENTATIONS

1. “Pyogenic meningoencephalitis in Traumatic Brain Injury: A case report”. 27th February 2021 at 2nd International eConference on DNA Forensics. **Patnaik M**, Sahoo N.
2. “Demographics of poisonings from records of a poison information centre in a tertiary level centre of central India: A one-year retrospective analysis”. 14th Apr 2021 at British Toxicology Society(BTS) Annual Congress 2021. **Patnaik M**.
3. “Determining the cause of death in backdrop of accelerated post mortem decomposition: A case report”. 6th October 2021 at 17th Annual Conference of South India Medico-Legal Association (SIMLA). **Patnaik M**.
4. “Celphos – A Cheap Escape from Life”. 11th Dec 2021 at 15th Annual National Conference of the Indian Society of Toxicology (IST). **Patnaik M**, Sravan JS, Jahan A, Keche AS.
5. “Morphological and Histological Findings In Body Organs In Aluminum Phosphide Poisoning”. 30th January 2022 at 68th National Conference of Anatomical Society of India. **Patnaik M**, Bhushan Divya, Vidua RK.
6. “The Child Protection Acts and Laws Against Child Abuse in India”. 24th February 2022 in the Virtual National Conference “Reformation & Advancement of Forensic Medicine & Toxicology -2022” by Department of Forensic Medicine & Toxicology, Medico Legal Association of Puducherry. **Patnaik M**, Sahoo N

7. “Need of an Autopsy Kit in resource limited settings” 21st April 2022 at 1st International Conference for Innovations in Global Surgery 2022, Maulana Azad Medical College, New Delhi. **Patnaik M**, Arora A.
8. “Renal congenital anomalies: incidental findings on autopsy”. 30th April 2022 at 43rd Annual National Conference of Indian Academy of Forensic Medicine at Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow. **Patnaik M**, Yadav J
9. “Posthumous Retrieval of Male Human Gametes in Indian Population”. 17th September 2022 at 5th Annual State Conference of Medico-legal Experts Association of Madhya Pradesh 2022, by the Department of Forensic Medicine & Toxicology, All India Institute of Medical Sciences, Bhopal. **Patnaik M**, Vidua RK, Tandon A, Arora A.
10. “Forensic Pathology: Ethics & Humanities”. 9th October 2022 at 18th Annual Conference of South India Medico-Legal Association. **Patnaik M**, Arora A.
11. “Toxicopathology Evaluation of Corrosive Poisoning: A Case Series” 5th November 2022 at 16th Annual National Conference of the Indian Society of Toxicology (IST) at Kasturba Medical College, Mangalore. **Patnaik M**, Vijayakumar S, Vidua RK, Keche AS, Arora A.
12. “Autopsy based morphological analysis of lung fissures.” 25th February 2023 at 44th National Conference of Indian Academy of Forensic Medicine – ‘Forensic Medicon’ organized by Sri Guru Ram Das University of Health Sciences, Amritsar. **Patnaik M**, Arora A
13. “Issues in securing consent for research using tissue retrieved during autopsy” 24th February 2023 at 44th National Conference of Indian Academy of Forensic Medicine – ‘Forensic Medicon’ organized by Sri Guru Ram Das University of Health Sciences, Amritsar. **Patnaik M**, Yadav J, Tandon A, Vidua RK, Arora A
14. “Clinico-demographic Profile of Deaths due to Poisoning at AIIMS Bhopal - A 5 year Retrospective Autopsy Study” 25th February 2023 at 44th National Conference of Indian Academy of Forensic Medicine – ‘Forensic Medicon’ organized by Sri Guru Ram Das University of Health Sciences, Amritsar. **Patnaik M**, Sibi V, Gour A, Arora A.
15. “The biomechanics of pediatric head injuries - A comparative analysis of injuries sustained in free falls and road traffic accidents.” 25th February 2023 at 44th National Conference of Indian Academy of Forensic Medicine – ‘Forensic Medicon’ organized by Sri Guru Ram Das University of Health Sciences, Amritsar. **Patnaik M**, Sangita M, Arora A.
16. “A Review of Post-mortem Microbiology in Medicolegal Autopsy Cases Done at AIIMS Bhopal during 2017-2022: An Observational Study” 1st March, 2023 at ESCMID “What can forensic medicine teach us for the management of pandemics? Course” **Patnaik M***, Afsar Jahan, Rasha Anwar, Rishabh Chandela, Arneet Arora.
17. “Humanitarian, dignified and rational approach towards the dead, a requisite.” 4th March, 2023, at 9th International Conference on "International Law and the Changing Global Order" by the Indian Society of International Law. **Patnaik M**, Arora A
18. “Cannabis and the Risk of Sudden Death in Young.” 12th March 2023, at 17th National conference of Indian Society of Toxicology, Kochi, India. **Patnaik M**, Sahoo N.

D. CONFERENCE POSTER PRESENTATIONS

1. POSTER “Autopsy review of pediatric burn deaths due to child neglect brought to AIIMS Bhopal”. 24th December 2022 at 8th National Conference of Indian Medicolegal and Ethics Association (IMLEA) at Shri Aurobindo Institute of Medical Sciences, Indore. **Patnaik M**, Arora A.
2. POSTER “Pediatric autopsies in AIIMS Bhopal: Analysis of time interval to autopsy”. 12th May 2023 at one day state level conference cum CME on ‘Decomposition’, organized by the Department of Forensic Medicine & Toxicology, All India Institute of Medical Sciences, Bhopal. **Patnaik M**, Gour A, Arora A.

E. CO-AUTHORED CONFERENCE ORAL PRESENTATIONS

1. “Inhalational Poisoning: A Case Report” 6th October 2021 at 17th Annual Conference of South India Medico-Legal Association. **Sangita M**, Vidua RK, Chaurasia JK, Jahan A, **Patnaik M**.
2. “Child abuse & challenges for diagnosis: A case series”. 30th March 2022 at 4th International Conference of Forensic odontology & child abuse by Department of Oral & Maxillofacial Pathology & Microbiology, Faculty of Dental Sciences, King George's Medical University, Lucknow. **Sahoo N**, **Patnaik M**

COMMITTEES & ADMINISTRATIVE LEADERSHIP POSITIONS

- | | |
|--|-------------|
| 1. Student Member, Institutional Internal Complaints Committee for Sexual Harassment at Workplace (gender Champion), UCMS, New Delhi | 2018 – 2019 |
| 2. Co-Treasurer, Resident Doctors Association AIIMS Bhopal | 2022 – 2023 |
| 3. Treasurer, Resident Doctor's Welfare Council, AIIMS Bhopal | 2023 – 2024 |
| 4. Treasurer, Doctors Association of AIIMS Bhopal | 2023 – 2024 |

ORGANIZATIONAL & MANAGEMENT POSITIONS

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|---|---------|
| 1. Student Volunteer, Hands on Head & Neck, Cadaveric Dissection & Reconstruction Workshop at UCMS, New Delhi | Oct '17 |
| 2. Student Volunteer, Regional GCH Asia Pacific International Hysteroscopy Congress (IHC 2018) | Dec '18 |

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| 3. Student Volunteer, Mid Term Endocrine Society of India Conference 2019 | Mar '19 |
| 4. Organizing Committee, 6 th National Autopsy Quiz 'Forense' 2022 | Sep '22 |
| 5. Organizing Committee, Hands on workshop on Forensic Odontology (Forensic Update V) | Sep '22 |
| 6. Organizing Committee, 5 th Annual State Conference of Medico Legal Expert Association of Madhya Pradesh | Sep '22 |
| 7. Organizing Committee, One Day National Workshop on Forensic Ethics & Humanities for Postgraduates | Jan '23 |
| 8. Organizing Committee, One Day State Level Conference cum CME on Decomposition | May '23 |

GRANTS

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| 1. Short Term Studentship, (Ref No 2016-07047) – Indian Council for Medical Research | 2016 |
| 2. Intramural Grant for Postgraduates (RC/AIIMS-BPL/2022/IM-TA/PG(M)213) – Research Cell, AIIMS Bhopal | 2022 |
| 3. Extramural Grant (International Committee for Red Cross) – ICHF, ICRC, New Delhi | 2023 |

AWARDS

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|---|----------|
| 1. Dr Andre's Award for Best Paper Presentation by Postgraduate – Indian Society of Toxicology | 2021 |
| 2. 2nd Prize, TOXIQUIZ 2022 – National Level Quiz for Postgraduates of Medicine, Pediatrics, Anesthesiology & Critical Care, Emergency Medicine and Forensic Medicine & Toxicology, at 16 th Annual National Conference of the Indian Society of Toxicology (IST). | 2022 |
| 3. 2nd Prize, Poster presentation , One Day State level conference cum CME on Decomposition, AIIMS Bhopal | May 2023 |

Extra-curricular

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| 1. 2nd Prize , English poetry competition, <i>Swachhta Pakhwada</i> , AIIMS Bhopal | Apr 2021 |
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MEMBERSHIPS AND REGISTRATION

Jan, 2020 – Jan, 2021	Delhi Medical Council	DMC/Provisional/24703
Feb, 2021 – Jan, 2026	Delhi Medical Council	DMC/R/28673
Jan, 2021 – Dec, 2023	British Toxicology Society	M. No. 1079739
Jan, 2023 – Jan, 2024	European Society of Clinical Microbiology & Infectious Diseases	M. No. 489543
<i>Life Member</i>	Emergency Medicine Association (EMAIndia)	M. No. 2808
<i>Life Member</i>	Adolescent Health Academy	M. No. AHA-IAP/AL/2493
<i>Life Member</i>	Indian Toxicology Society	M. No. 519/FM/LM21
<i>Life Member</i>	Society of Clinical Anatomists	M. No. LM27/22
<i>Life Member</i>	Medico Legal Expert Association of Madhya Pradesh	
<i>Life Member</i>	Indian Child Abuse, Neglect and Child Labour (ICANCL) group of Indian Academy of Pediatrics (IAP)	

CERTIFICATIONS

- | | |
|---|----------------|
| 1. Basic Course in Biomedical Research , SWAYAM, by National Medical Commission, India | Mar – Jun 2021 |
| 2. ICMR Training on Roles and Responsibilities of Ethics Committee Members by ICMR Bioethics Unit, National Centre for Disease Informatics and Research (ICMR-NCDIR) | Mar 2021 |
| 3. NieCer:101 Health Research Fundamentals , SWAYAM by Indian Council of Medical Research – National Institute of Epidemiology (ICMR-NIE) | Jan - Mar 2021 |
| 4. ICMR NvCCP Prescribing Skills course - 2020, for the Indian Medical Graduates by ICMR – National Virtual Centre Clinical Pharmacology (ICMR-NvCCP) | Oct- Dec 2020 |
| 5. Pediatric Critical Care Nephrology & Dialysis Course , Kidney Institute, Medanta, New Delhi | Aug 2019 |
| 6. Advanced Certificate in Diabetes , Cardiff University | Sep 2016 |
| 7. Advanced Certificate Course in Diabetes , Cleveland Clinic | Aug 2017 |
| 8. Vascular Intervention Course Certificate , International Society of Endovascular Specialists | Jun 2017 |
| 9. Post Graduate Certificate in Medical Management of CBRNE Disasters , Indira Gandhi National Open University - 60.2% | 2021 |
| 10. Certificate in International Humanitarian Law , Indira Gandhi National Open University - pursuing | Jul 2022 |
| 11. Basic Life Support Training , All India Institute of Medical Sciences, Bhopal | Dec 2022 |
| 12. Systematic Reviews and Meta-analysis of Clinical/Translational Studies , ICMR – National Institute for Research in Environmental Health (ICMR-NIREH) | Jan 2023 |

13. **Basic Life Support, Advanced Cardiac Life Support** American Heart Association, **Basic Disaster Life Support** – *Practical Hands on BLS/ACLS/BDLS training for handling CBRN emergency victims by Medical Doctors by Institute of Nuclear Medicine and Allied Sciences (INMAS), Defense research & Development Organization (DRDO), Delhi* Jan – Feb 2023
14. European Congress of Clinical Microbiology and Infectious Diseases (ESCMID) Postgraduate Education Course “**What can forensic medicine teach us for the management of pandemics?**” Mar 2023
15. Online **Certificate Course on Child Rights in India: Protection, Welfare and Development** organized by the GNLU Centre for Women and Child Rights (GCWCR) 15th to 30th Jun, 2023

CONFERENCES, TRAINING COURSES & WORKSHOPS ATTENDED

1. Orientation workshop “Addressing Pre- and Post-Birth Discrimination Against Girl Child” organized by Girls Count NGO at University College of Medical Sciences (UCMS), New Delhi 15 Sep, 2015
2. 3rd Advanced Certification Workshop in Diabetes organized by Institute of Molecular & Experimental Medicine, School of Medicine Cardiff University and North Delhi Diabetes Centre 25 Sep, 2016
3. 12th Annual conference of by Research Society for the Study of Diabetes in India (RSSDI) Delhi Chapter organized by Research Society for the Study of Diabetes in India, 9 Oct, 2016
4. Symposium on Organ Donation Awareness Organized by Society for Organ Donation Awareness, UCMS and National Organ & Tissue Transplant Organization 22 Mar, 2017
5. GASTROCON 2017 Theme: Recent advances in Gastroenterology, organized by Action institute of Liver and Digestive Disorders, New Delhi, India 9 Apr, 2017
6. UPDATE IN ONCOLOGY-X-2017 “Challenging common case scenarios in Breast cancer” Organized by Sir Ganga Ram Hospital (SGRH), New Delhi, India 20-21 May, 2017
7. 9th Asia Pacific Vascular Intervention Course/Fellows Course Organized by International Society of Endovascular Specialists, New Delhi, India 16-18 Jun, 2017
8. “Legends Go Live” Pelvis surgery workshop & CME Organized by Centre for Advanced Laparoscopic Surgery, Sunrise Hospitals, New Delhi, India 1-2 Jul, 2017
9. PHOCON - 4th Midterm CME of Pediatric Hemat-Oncology chapter of IAP “Expanding the Possibilities” Organized by PHO chapter of Indian Academy of Pediatrics and Artemis Hospitals, New Delhi, India 1-2 Jul, 2017
10. Workshop on Basics in Laparoscopy Organized by Delhi Gynecological Endoscopists Society (DGES) and Department of Obstetrics & Gynaecology, Lady Hardinge Medical College (LHMC), New Delhi, India 8 Jul, 2017
11. Skills workshop on Basics of Endoscopy in Gynaecology Organized by Association of Obstetrics and Gynecologists of Delhi (AOGD) and Delhi Gynecological Endoscopists Society (DGES) at UCMS, New Delhi 21 Jul, 2017
12. CCACCD - Cleveland Clinic Advanced Certificate Course in Diabetes 2017 Organized by Cleveland Clinic and Diabetes & Obesity Centre, New Delhi, India 26-27 Aug, 2017
13. FetalMed 017 - 13th Asia Pacific Congress of Maternal Fetal Medicine organized by Society of Fetal Medicine 1-3 Sep, 2017
14. ICDS - 17th International Celiac Disease Symposium Organized by International Society for the Study of Celiac Disease Sep, 2017 8-10
15. Perinatology conference “Pregnancy, Birth & Beyond” Organized by Apollo Cradle Hospitals, New Delhi, India 10 Sep, 2017
16. ISCCM - 15th Annual Conference of SCCM Delhi NCR & 3rd North Zone Critical Care Conference organized by Indian Society of Critical Care Medicine and Global Sepsis Alliance 16-17 Sep, 2017
17. AOGD Skills Workshop on CTG & Instrumental Delivery organized by AOGD at UCMS, New Delhi 28 Sep, 2017
18. AOGD Skills Workshop on Medico-legal tips & Access to evidence for Safe practice in O&G organized by AOGD at UCMS, New Delhi 10 Feb, 2018
19. UPDATE IN ONCOLOGY-X-2018 “Controversies in head and neck cancers” organized by SGRH, New Delhi 28-29 Apr, 2018
20. Regional GCH Asia Pacific International Hysteroscopy Congress (IHC 2018) organized by International Hysteroscopy Congress 1-2 Dec, 2018
21. Mid Term ESICON Conference Organized by Endocrine Society of India at UCMS, New Delhi 24 Mar, 2019
22. PCCNDC - Pediatric Critical Care Nephrology & Dialysis Course organized by Kidney Institute, Medanta – The Medicity Aug, 2019 3-4
23. 3rd National Symposium on Women's Mental Health – Theme “No health without women’s mental health” organized by Indian Psychiatric Society, New Delhi 8 Dec, 2019
24. UPDATE IN ONCOLOGY-X-2020 “Advances in Colorectal Cancer” organized by SGRH, New Delhi and The Christie NHS Trust Hospital, UK 1-2 Feb, 2020
25. COVID-19: Updates from Singapore (CUFS) weekly webinar series organized by Yong Loo Lin School of Medicine, National University of Singapore 17 Sep 2020
26. Conference on Rabies Prevention – Newer Dimensions Organized by Consortium Against Rabies, Indian Academy of Pediatrics Delhi & Delhi Medical Association 23 Sep, 2020
27. UP e-NEOCON 2020 - Annual state level conference of UP NNF. “Reaching out to every newborn physically, virtually and beyond” organized by Lucknow Neonatology Foundation 1-4 Oct, 2020

28. POSHANCON 2020 - First national conference of Maternal, Infant and Young Child Nutritional National Working Group of Indian Association of Preventative and Social Medicine (MIYCN-IAPSM) organized by National working Group of IAPSM and Alive & Thrive, India 16-17 Oct, 2020
29. UP e-ADOLESCON 2020 organized by Adolescent Health Academy, Lucknow Branch 1-2 November, 2020
30. e-ADOLESCON 2020 "turmoil to tranquility" 20th National Conference of Adolescent Health Academy, IAP, organized by Adolescent Health Academy, Nagpur and Academy of Pediatrics, Nagpur 6-8 Nov, 2020
31. GDBP digiCON 2020 "Nurture the future" - 19th National Conference of Growth Development & Behaviour Pediatrics Academy organized by GDBP Academy (Subspecialty chapter of IAP) 20-22 Nov, 2020
32. National symposium on "Lactational counselling" organized by Lucknow Neonatology Foundation 21 Nov, 2020
33. SWASTHYACON 2021 - International conference on metabolic disease organized by All India Institute of Diabetes and Research and Swasthya diabetes care 5-10 Jan, 2021
34. E-UP PEDICON 2020 Part 1 - 41st Annual Conference of Academy of Pediatrics, Uttar Pradesh (AOP UP) organized by Academy of Pediatrics, Uttar Pradesh 23-24 Jan, 2021
35. Hybrid CME on Medicolegal Issues in Dead Body Donation organized by Department of FMT, AIIMS Bhatinda 13 Feb, 2021
36. Online Workshop on Gender Sensitization organized by Internal Complaints Committee, AIIMS Bhopal 16-18 Feb, 2021
37. 2nd International eConference on DNA forensics organized by International Association of Scientists and Researchers. 27-28 Feb, 2021
38. AIIMS - AMPRI Blended Symposium on 3D printing in dental and medical sciences organized by Department of Dentistry and CSIR-AMPRI, Bhopal 13 Mar, 2021
39. ICMR Training on Roles and Responsibilities of Ethics Committee Members organized by ICMR Bioethics Unit, National Centre for Disease Informatics and Research (NCDIR), Bengaluru, India 16 Mar, 2021
40. 'Publishing webinar – tips from the editors' organized by The Lancet Digital Health and ICMR 30 Mar, 2021
41. E-UP PEDICON 2020 Part 2 - 41st Annual Conference of Academy of Pediatrics, Uttar Pradesh (AOP UP) organized by Academy of Pediatrics, Uttar Pradesh 7-10 Apr, 2021
42. FORENSICON 2020 – 23rd Annual State Conference of Medico-Legal Society of Maharashtra, organized by Dept. of FMT, T.N. Medical College & BYL Nair Ch. Hospital, Mumbai 10-11 Apr, 2021
43. BTS Virtual Congress 2021 organized by The British Toxicology Society 12-15 Apr, 2021
44. CME on DNA Fingerprinting: past, present & future" organized by Dept of FMT, AIIMS Bhatinda 12 Jun, 2021
45. CME on Drug Abuse: An insight to a Never-Ending Challenge organized by Dept of FMT, AIIMS Mangalagiri 26 Jun, 2021
46. CME on "Assault on Healthcare workers: ways to overcome" organized by Dept of FMT, AIIMS Bibinagar 1 Jul, 2021
47. CME on "Forensic Medicine – A leap into the future" organized by Dept of FMT & Sri Ramchandra Alumni Chapter of Forensic Medicine & Toxicology 4 Aug, 2021
48. CME on "Pathogenesis in COVID-19 fatalities: under the lens of Forensic Medicine" organized by Pondicherry Institute of Medical Sciences 3 Sep, 2021
49. CME on "Spinal Cord Injury Rehabilitation" organized by Department of Physical Medicine & Rehabilitation, AIIMS Bhopal in association with CAPMR & IAPMR 5 Sep, 2021
50. CME on "Toxicology & Radiology: An update in current medical education" organized by Department of Forensic Medicine & Toxicology, Kasturba Medical College, Mangaluru in association with Indian Society of Toxicology 15 Sep, 2021
51. Forensic Covidcon - "Dealing with Covid-19 Pandemic – Forensic Medicine Perspective" The 1st International Online Conference of Pt. J. L. N. Govt. Medical College, Chamba, H.P., 18th Conference of Indian Congress of Forensic Medicine & Toxicology (I.C.F.M.T.) & 5th Conference of Society for Prevention of Injuries & Corporal Punishment (S.P.I.C.) 25 Sep, 2021
52. CZ-UP NEOCON 2021 – 2nd Annual Conference of the Central Zone & UP Neocon organized by NNF INDIA, NNF UP & IAP Meerut branch. 25-26 Sep, 2021
53. DOSCON - 72nd Annual DOS International hybrid conference "Practice to perfection" 26 Sep – 3 Oct, 2021
54. UP e-NEOCON 2020 – "Reaching out to every Newborn Physically, Virtually and Beyond" The Annual State Level Conference of UP NNF, organized by Lucknow Neonatology Foundation 1-4 Oct, 2021
55. SIMLA 2021 – 17th Annual International virtual conference of south India Medico Legal Association organized by Department of Forensic Medicine & Toxicology, AIIMS Bibinagar 5-6 Oct, 2021
56. E-ADOLESCON 2021 - 21st National Conference of Adolescent Health Academy, IAP organized by Adolescent Health Academy, Lucknow Branch & Lucknow Academy of Pediatrics 12-14 Nov, 2021
57. CME on "Hypertension and its implications" organized by Department of Physiology, AIIMS Bhopal and Omron Academy India and Indian Society of Hypertension 18 Nov, 2021
58. CME & Workshop on "Hypoxic Ischemic Encephalopathy" organized by Lucknow Neonatology Foundation and Department of Neonatology, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow 20-21 Nov, 2021
59. CME on "Tsunami of Heart Disease in Indian Population" organized by Dept of General Medicine, AIIMS Bhatinda 30 Nov, 2021
60. CME on "Medicolegal Issues in Clinical Practice in context of Amended Consumer Protection Act" organized by Dept of FMT, Datta Meghe Institute of Medical Sciences, Wardha, Maharashtra & Indian Academy of Forensic Medicine 3 Dec, 2021
61. Expert talk on "Dental Bioarcheology", organized by Sherlock Institute of Forensic Sciences, Delhi 5 Dec, 2021

62. TOXOCON XV- 15th Annual National Conference of the Indian Society of Toxicology (IST) organized by Meenakshi Mission Hospital & Research Centre, Madurai 10-12 Dec, 2021
63. CME cum Workshop - EMBRYON 2022 Organized by Department of Anatomy, AIIMS Bibinagar 27 Jan, 2022
64. Workshop on "Overview of In-vitro fertilization: Focus on Male Infertility Organized by Department of Anatomy, King George's Medical University, Lucknow, UP 27 Jan, 2022
65. CME on "Expanding the Horizons of Anatomy: Knowing the Unknown" Organized by Department of Anatomy, King George's Medical University, Lucknow, UP 28 Jan, 2022
66. ASI NATCON - 68th National Conference of Anatomical Society of India Organized by Department of Anatomy, King George's Medical University, Lucknow, UP 28-30 Jan, 2022
67. CME on "Micrometry in Microscopic Image Analysis using ImageJ Software" organized by Department of Anatomy, JIPMER, Pondicherry 12 Feb, 2022
68. RAFT 2022 - "Reformation & Advancement of Forensic Medicine & Toxicology -2022" organized by the Dept of FMT, Aarupadai Veedu Medical College & Hospital, Pondicherry & Medico Legal Association of Puducherry (MLAP) 23-24 Feb, 2022
69. 5th Dermatopathology Workshop on "Vesiculobullous and Pigmentary Dermatoses" organized by Department of Dermatology, Venereology and Leprosy & Department of Pathology and Laboratory Medicine, AIIMS Bhopal 27 Feb 2022
70. Expert Consultation Webinar on Spreadsheet Data Management "Simple, Convenient Yet Powerful" organized by ICMR-National Institute of Occupational Health, Ahmedabad 9 Mar, 2022
71. ICFOCA - 4th International Conference of Forensic Odontology & Child abuse, organized by Forensic Odontology Unit, Department of Oral & Maxillofacial Pathology & Microbiology, Faculty of Dental Sciences, King George's Medical University, Lucknow and Indian Academy of Medico Legal Ethics (IAMLE) 28-31 Mar, 2022
72. 1st International Conference for Innovations in Global Surgery Organized by Department of Surgery, Maulana Azad Medical College, New Delhi and University of Leeds. 20-21 Apr, 2022
73. 43rd Annual National Conference of Indian Academy of Forensic Medicine at Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow. 29 Apr – 1 May, 2022
74. National workshop on "Developing a framework for ethical research on dead for academic and research" organized by Indian Academy of Forensic Medicine & Centre for Ethics, Yenepoya (deemed to be university), at SGPGI, Lucknow 1 May, 2022
75. National Symposium on "Violence against Healthcare Professionals" organized by the Dept of FMT, Sri Aurobindo Medical College & P.G. Institute, Indore 1 Jul, 2022
76. CME on "Legal Trends in Reproductive Health & Medical Practice" organized by Dept of FMT, AIIMS Nagpur 9 Jul, 2022
77. CME on Forensic Radiology: Upcoming Issues and Challenges, organized by Department of FMT, AIIMS Bibinagar 18 Jul, 2022
78. CME on "How to deal with Medico-Legal Cases in Emergency & Mortuary?" organized by Dept of FMT and Medical Education Unit, SSJGIMS&R, Almora, Uttarakhand, India 21-22 Aug, 2022
79. CME on "Unclaimed bodies, Organ donation, Night autopsy –An Update" organized by Department of Forensic Medicine & Toxicology, JIPMER, Puducherry 9 Sep, 2022
80. 6th National Autopsy Quiz 'Forense' 2022 organized by Dept of FMT, AIIMS Bhopal 14 Sep, 2022
81. "Forensic Update V" Hands on workshop on Forensic Odontology organized by Dept of FMT, AIIMS Bhopal 15-16 Sep, 2022
82. 5th Annual State Conference of Medico Legal Expert Association of Madhya Pradesh (FMT-MPCON-V) organized by Dept of FMT, AIIMS Bhopal 17-18 Sep, 2022
83. 18th Annual Conference of South India Medico-Legal Association, organized by Dept of FMT, Kasturba Medical College, Manipal, Karnataka, India. 9-10 Oct, 2022
84. International Virtual Meet on Non-Coding RNAs, organized by AIIMS), Bhopal 12-14 Oct, 2022
85. CMR on "Child Abuse with Reference to POCSO Act: Role of Healthcare Professionals" organized by Dept of FMT, NSCGMC, Khandwa, Madhya Pradesh, India 13 Oct, 2022
86. CME on "Toxicology & Pharmacology of Snake Venoms", organized by Dept of Biochemistry & Dept of FMT, Sri Devaraj Urs Medical College, Kolar 27 Oct, 2022
87. TOXOCON XVI - 16th Annual National Conference of the Indian Society of Toxicology, organized by Dept of FMT, Kasturba Medical College, Mangalore, Karnataka, India. 5-6 Nov, 2022
88. 20th Annual National Conference of Punjab Academy of Forensic Medicine & Toxicology (PAFMAT 2022), organized by Dept of FMT, AIIMS Bhatinda 12 Nov, 2022
89. Webinar on "Patient's rights & responsibilities and safety" organized by International Medical Research & Scientific Center and Medico-Legal Society of India 9 Dec, 2022
90. 8th National Conference of Indian Medicolegal and Ethics Association (IMLEA) at Shri Aurobindo Institute of Medical Sciences, Indore. 24-25 Dec, 2022
91. DHR-ICMR Funded Workshop on "Systematic Reviews and Meta-analysis of Clinical/Translational Studies" by ICMR-National Institute for Research in Environmental Health 9-13 Jan, 2023
92. Workshop on Forensic Ethics & Humanities, by Department of FMT, AIIMS Bhopal 14 Jan, 2023
93. National Workshop on Telemedicine Consultation Guidelines by Telemedicine Society of India & Telemedicine Sub Committee, AIIMS Bhopal 21 Jan, 2023

94. Practical Hands on BLS/ACLS/BDLS training for handling CBRN emergency victims by Medical Doctors by Institute of Nuclear Medicine and Allied Sciences (INMAS), Delhi 30 Jan – 2 Feb, 2023
95. European Congress of Clinical Microbiology and Infectious Diseases (ESCMID) Postgraduate Education Course “What can forensic medicine teach us for the management of pandemics?” 1-2 Mar, 2023
96. 9th International Conference on "International Law and the Changing Global Order" by The Indian Society of International Law. 2-5 Mar, 2023
97. TOXOCON XVII - 17th National conference of Indian Society of Toxicology, Kochi, India. 12th March 2023
98. One Day State Level Conference cum CME on Decomposition, Dept of FMT, AIIMS Bhopal 12th May 2023
99. Online Certificate Course on Child Rights in India: Protection, Welfare and Development organized by the GNLU Centre for Women and Child Rights (GCWCR) 15th to 30th June 2023

SPECIAL LECTURES & EVENTS ATTENDED

10-12 April, 2019	National Symposium on Evidence Synthesis for Medicine, Public Health & Social Development	<i>The George Institute for Global Health and Campbell Collaboration</i>
23 May, 2018	Today's Genomic Solutions for Tomorrow's Cancer Breakthroughs	<i>Premas Life Sciences</i>
10 July, 2017	Drug awareness programme on ‘Drugs and Addiction-Do you know enough?’	<i>Central Bureau of Narcotics, Delhi.</i>
14 May, 2017	Special lecture at UCMS, Delhi Dialogues In Diabetes 2017	<i>Uttar Pradesh Diabetes Association Gautam Budh Nagar Chapter</i>
7 May, 2017	ECHOCON Delhi and NCR - 2017	<i>Academy of Echocardiography, NCR Chapter</i>
18 October, 2016	Revised CIOMS Ethics Guidelines for Biomedical Research Special lecture at UCMS, Delhi	<i>Council for International Organizations of Medical Sciences</i>

MASSIVE OPEN ONLINE COURSES (MOOCS) ATTENDED

26 November, 2020 – Introduction to Probability with R software TBD	<i>Indian Statistical Institute</i>
26 November, 2020 – Python for Data Science TBD	<i>IIT Madras</i>
26 November, 2020 – Essentials of Data Science with R Software – 2: Sampling theory and linear regression analysis. TBD	<i>IIT Kanpur</i>
26 November, 2020 – Essentials of Data Science with R Software – 1: Probability and statistics. TBD	<i>IIT Kanpur</i>
12 October – 30 ICMR NvCCP Prescribing Skills course - 2020, for the Indian Medical Graduates. December, 2020	<i>Indian Council of Medical Research – National Virtual Centre Clinical Pharmacology</i>
23 January – 27 Multi Criteria Decision Making with R and MATLAB March, 2019	<i>Department of Management Studies, IIT Roorkee</i>
23 January - 24 April, Soft Skills for Business Negotiations and Marketing Strategies 2019	<i>RCG School of Infrastructure Design & Management, IIT Kharagpur</i>

23 January – 24 April, Descriptive Statistics with R Software
2019

23 January – 27 February, Psychiatry - An overview.
February, 2019

23 January - 24 April, Regulatory requirements for medical devices and IVDs in India
2019

IIT Kharagpur

IIT Kanpur

*Translational Health Science &
Technology Institute & Central
Drugs Standard Control
Organization*

23 January – 27 March, Roadmap for patent creation
March, 2019

*Rajiv Gandhi School of Intellectual
Property Law, IIT Kharagpur*

22 April, 2018 – 3 October 2018
Introduction to R Software

IIT Kanpur

11 January - 18 April, Water Economics and Governance
2018

*Department of Ocean Engineering,
IIT Kharagpur*

11 January - 4 April, Managing Services
2018

*Industrial Management
Engineering Department, IIT
Kanpur*

21 November, 2017 - 3 April, 2018
An Introduction to Cardiovascular Fluid Mechanics

IIT Guwahati

21 November, 2017 – 7 March, 2018
Human Molecular Genetics

IIT Kanpur

9 June – 19 October, Principles of construction management
2017

*Department of Civil Engineering,
IIT Kanpur*

5 June – 19 October, Cell Culture Technologies
2017

*Department of biological sciences
& bioengineering, IIT Kanpur*

5 June – 21 September, Health research fundamentals
2017

*National Institute of Epidemiology -
Indian Council of Medical Research*

REFERENCES

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