

DR PALLAVI ARORA

Assistant Professor, Department of Anatomy, Shri Mata Vaishno Devi Institute of Medical Excellence (SMVDIME),
Kakryal, Katra, UT of J & K, Mobile No. +91-8882144403, Email: pa19aiims@gmail.com

EDUCATION

Doctor of Philosophy (Ph.D.) 2015-2021

Specialization: Medical Anatomy
Department of Anatomy, All India Institute of
Medical Sciences, New Delhi

Master of Science (M.Sc.) 2013-2015

Specialization: Medical Anatomy
Department of Anatomy, All India Institute of
Medical Sciences, New Delhi

Bachelor of Dental Surgery (B.D.S.) 2008-2013

Branch: Dentistry
Registration No. HN 011619
Pandit Bhagwat Dayal Sharma University of Health Sciences, Rohtak, Haryana

EXPERTISE AND INTERESTS

Proficient Subjects Gross Anatomy, Clinical Anatomy, Microscopic Anatomy, Embryology,
Neuroanatomy, Genetics, Molecular Biology

Hands-on Experience Plastination, Museum Specimens Preparation, Embalming, DNA isolation, Gel electrophoresis (Agarose and Sodium Dodecyl Sulphate-Polyacrylamide), Polymerase Chain Reaction, Restriction Fragment Length Polymorphism, Cell line culture; handling & maintenance, Microscopy (Bright field, Phase contrast, Fluorescence, Electron and Confocal), Hematoxylin and Eosin staining, Immunofluorescence, Immunohistochemistry, ELISA, Western Blot, Gelatin Gel Zymography, Transfection, RNA extraction, complementary DNA (cDNA) preparation, quantitative Real-Time Polymerase Chain Reaction, Transwell Invasion, Migration, and Wound Healing Assays

Known Software Graph Pad Prism, STATA, SPSS, Microsoft Office

TEACHING EXPERIENCE

- **Assistant Professor**, Department of Anatomy, Shri Mata Vaishno Devi Institute of Medical Excellence (SMVDIME), Kakryal, Katra, UT of J & K (joined on 24th December 2024)
- **Assistant Professor**, Department of Anatomy, MM. Institute of Medical Sciences & Research, Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala [8 months 8 days (from 16-04-2024 to 23-12-2024)]
- **Senior Resident**, Department of Anatomy, HIMSR, New Delhi [2 years 3 months 17 days (from 30-12-2021 to 15-04-2024)]
- **Ph.D. Scholar**, Department of Anatomy, All India Institute of Medical Sciences, New Delhi [5 years 11 months 27 days (from 04-08-2015 to 28-07-2021)]
- **M.Sc. Student**, Department of Anatomy, All India Institute of Medical Sciences, New Delhi [2 years (from 01-08-2013 to 31-07-2015)]

RESEARCH EXPERIENCE

- **Placental Biology Course, Centre for Trophoblast Research, University of Cambridge** (from 09-09-2024 to 13-09-2024)]
- **Research Fellow**, Council of Scientific and Industrial Research, New Delhi [1 month 20 days (from 10-11-2021 to 29-12-2021)]
- **Senior Research Fellow**, Indian Council of Medical Research, New Delhi [3 years 6 months (from 10-05-2018 to 09-11-2021)]

AWARDS & HONOURS

- 1) Basic Course in Biomedical Research as mandated by the National Medical Commission
- 2) Kanapaka Satyanarayan Memorial Young Achievers Award, 6th CME & Conference of North Chapter of Anatomists Society (NCAS) CME on 3D Anatomy Insight: Revolutionizing Medical Education for clinical excellence" organised by Department of Anatomy, All India Institute of Medical Sciences, Bilaspur, HP on 28th September 2024.
- 3) Indian Council of Medical Research Senior Research Fellowship Award
- 4) Dr. Matilal Pan Memorial award-2019
- 5) American Association of Anatomists Award: Experimental Biology, Orlando, Florida (April 6- 9, 2019)
- 6) All India Institute of Medical Sciences, New Delhi Endowment Fund Travel Grant: Experimental Biology, Orlando, Florida (April 6-9, 2019)
- 7) Inderjit Dewan Gold Medal for best poster in Clinical Anatomy: National Conference of Anatomical Society of India (November 11-14, 2018), AIIMS, Rishikesh, Uttarakhand
- 8) YW Loke New Investigator Award: International Federation of Placenta Association (September 13- 16, 2016), Portland, Oregon, USA
- 9) All India Institute of Medical Sciences, New Delhi Endowment Fund Travel Grant: International Federation of Placenta Association (September 13-16, 2016), Portland, Oregon, USA

PUBLICATIONS (Full-length papers)

- 1) **Pallavi Arora**, Mohd Anas Khan and Renu Dhingra. Variation in the Origin of Gastroduodenal Artery: A Case Report. Int J Anat Var. 2024;17(11): 669-670.
- 2) **Pallavi Arora**, Mohd Anas Khan, Renu Dhingra and Sahil Kalra. Unusual Variation in the Anatomy of the Left Lung: A Case Report. Int J Anat Var. 2024;17(11): 671-672.
- 3) **Pallavi Arora**, Mohd Anas Khan and Renu Dhingra. Anatomical Variation in the Innervation of the Median Nerve and the Absence of Musculocutaneous Nerve: A Case Report. Int J Anat Var. 2024;17(11): 673-674.
- 4) **Pallavi Arora**, Renu Dhingra, Pallavi Kshetrapal, Neerja Bhatla, Sadanand Dwivedi. Defective trophoblast invasion in early onset preeclampsia: Role of matrix metalloproteinase-9 and tissue inhibitor of metalloproteinase-1. Biomedical Research. 2024; 35 (6): 1-9.
- 5) Gupta SK, Mochan S, **Arora P**, Rani N, Luthra K, Dwivedi S, Bhatla N, Kshetrapal P, Dhingra R. Hydrogen sulfide promotes migration of trophoblast cells by a Rho GTPase mediated actin cytoskeleton reorganization. Placenta. 2023 Oct;142:135-146. Epub 2023 Sep 15. PMID: 37774537.
- 6) **Pallavi Arora**, Sushil Kumari Sangwan, Ranjan Gupta, Sankat Mochan, Sunil K. Gupta, Shobhit Saxena, Neerja Rani, Neerja Bhatla, Sadanand Dwivedi, Arundhati Sharma, Renu Dhingra. Association of Vascular Endothelial Growth Factor and Soluble fms-Like Tyrosine Kinase-1 Polymorphisms with Their Circulating Protein Levels in Preeclampsia. Journal of Anatomical Society of India., 68(3):p 215-220, Jul-Sep 2019.
- 7) Sankat Mochan, Manoj Kumar Dhingra, Sunil Kumar Gupta, Shobhit Saxena, **Pallavi Arora**, Vineeta Yadav, Neerja Rani, Kalpana Luthra, Sadanand Dwivedi, Neerja Bhatla, Renu Dhingra. Status of VEGF in preeclampsia and its effect on endoplasmic reticulum stress in placental trophoblast cells. European Journal of Obstetrics and Gynecology and Reproductive Biology., 4, 100070 (2019).

- 8) Sankat Mochan, Manoj K. Dhingra, Sunil K. Gupta, Shobhit Saxena, **Pallavi Arora**, Neerja Rani, Neerja Bhatla, Sada Nand Dwivedi, Renu Dhingra. Vascular Endothelial Growth Factor Alleviates Endoplasmic Reticulum Stress via PERK, IRE1, and ATF6 Pathways in Trophoblast Cells. *Journal of Anatomical Society of India.*, 68(3):p 187-195, Jul-Sep 2019.
- 9) **Pallavi Arora**, Sankat Mochan, Sunil Kumar Gupta, Shobhit Saxena, Neerja Rani, SK Pallavi, Arundhati Sharma, Kalpana Luthra, Sadanand Dwivedi, Neerja Bhatla, and Renu Dhingra. Status of MMP9 and TIMP1 in pregnant women with Preeclampsia in Indian population. *The FASEB Journal.*, 33(1), 774.28 (2019).
- 10) **Arora P**, Kshetrapal P, Bhatla N, Rani N, Mochan S, Gupta S.K., Saxena, S., Dhingra, R. Matrix Metalloproteinase 2 and Tissue Inhibitor of Metalloproteinase 2 mRNA levels in Early Onset Preeclampsia. *Placenta.*, 51, pp. 131 (2017).
- 11) **Arora Pallavi**, Dhingra Renu, Bhatla Neerja, Sharma Arundhati. VEGF and sFlt- 1 polymorphisms in Preeclampsia. *Placenta.*, 45, pp. 118-119 (2016).

PUBLICATIONS (Conference Proceedings)

- 1) **Arora Pallavi**, Kshetrapal Pallavi, Bhatla Neerja, Luthra Kalpana, Sharma Arundhati, Rani Neerja, Mochan Sankat, Gupta Sunil, Saxena Shobhit, Dhingra Renu, Expression of MMP 9 and TIMP 1 in human placenta from early onset preeclampsia, *Journal of the Anatomical Society of India*, Volume 67, Supplement 1, 2018, Page S54.
- 2) **Arora Pallavi**, N. Bhatla, R. Dhingra, Study on the genetic expression of matrix metalloproteinases 2 and 9 in preeclampsia, *Journal of the Anatomical Society of India*, Volume 66, Supplement 1, 2017, Pages S71-S72.
- 3) Sunil Kumar Gupta, Sankat Mochan, Shobhit Saxena, **Pallavi Arora**, Neerja Rani, SK Pallavi, Arundhati Sharma, Kalpana Luthra, Sadanand Dwivedi, Neerja Bhatla, and Renu Dhingra. H2S Improves the Rate of Migration in Trophoblast Cells. *The FASEB Journal.*, 33(1), 610.17 (2019).
- 4) Shobhit Saxena, Sunil Kumar Gupta, **Pallavi Arora**, SK Pallavi, Neerja Sirohi, Arundhati Sharma, Sadanand Dwivedi, Kalpana Luthra, Neerja Bhatla, and Renu Dhingra. Role of hydrogen sulphide in regulating invasion in trophoblast cells. *The FASEB Journal.*, 33(1), 789.6 (2019).
- 5) Sankat Mochan, Sunil Kumar Gupta, Shobhit Saxena, **Pallavi Arora**, Neerja Rani, SK Pallavi, Arundhati Sharma, kalpana Luthra, Sadanand Dwivedi, Neerja Bhatla, and Renu Dhingra. Status of sFlt-1 in Pregnant Women with Preeclampsia and its Impact on GRP78 in Trophoblast Cells. *The FASEB Journal.*, 33(1), 774.30 (2019). DOI:
- 6) Gupta SK, Bhatla N, Rani N, Mochan S, Saxena S, **Arora P**, Dhingra R. Hydrogen Sulphide producing enzymes are decreased in placentas from Preeclampsia. *Placenta.*, 51, pp. 131 (2017).
- 7) Mochan S, Bhatla N, Rani N., Gupta SK, Saxena S, **Arora P**, Dhingra R. sFlt- 1 upregulates Endoplasmic Reticulum Stress Marker XBP1 in Trophoblast Cells. *Placenta.*, 57 pp.198 (2017).
- 8) Mochan S, Bhatla N, Rani N, Gupta SK, Saxena S, **Arora P**, Dhingra R. sFlt- 1 induces Endoplasmic Reticulum Stress by activating PERK pathway in Bewo cells. *Placenta.*, 51, pp. 130-131 (2017).
- 9) Mishra Manisha, **Arora Pallavi**, Saxena Shobhit, Gupta Sunil, Mochan Sankat, Kasapuram Dheeraj, Singh Seema, Bhatla Neerja, Sharma Arundhati, Dhingra Renu and Rani Neerja. Association of MMP 2 gene polymorphisms (- 735C/T and - 1306C/T) in Preeclamptic patients in Indian population. Manisha Mishra et al., *J Mol Genet Med* 2019, Volume 13.
- 10) **Arora P**, Mochan S, Gupta SK, Saxena S, Bhatla N, Luthra K, Sharma A, Kshetrapal P, Rani N, Dhingra R (2018) Comparison of histological features of human placenta tissue in normal pregnancy and preeclampsia. Oral Presentation. *Journal of the Anatomical Society of India* 68(Suppl 1):p S1-S72, October 2019.
- 11) **Arora P**, Mochan S, Gupta SK, Saxena S, Rani N, Bhatla N, Dwivedi SN, Dhingra R (2019): Insufficient trophoblastic invasion leads to impaired placentation in preeclamptic patients: a case control study, 18th November 2019 (Monday). *Journal of the Anatomical Society of India* 69(Suppl 1):p S1-S131, August 2020.
- 12) Mishra M, **Arora P**, Saxena S, Gupta SK, Mochan S, K Dheeraj, Singh S, Bhatla N, Sharma A, Dhingra R, Rani N (2018) Association of MMP 2 polymorphisms in Preeclampsia. Oral Presentation. *Journal of the Anatomical Society of India* 68(Suppl 1):p S1-S72, October 2019.
- 13) Dhingra R, Gupta SK, Mochan S, Bhatla N, Luthra K, Sharma A, Kshetrapal P, Saxena S, **Arora P**, Rani N (2018) Hydrogen Sulphide is a Unique but Ubiquitous Gasotransmitter: A Solution for therapeutic Dilemma in Preeclampsia? Oral Presentation. *Journal of the Anatomical Society of India* 68(Suppl 1):p S1-S72, October 2019.
- 14) Gupta SK, Mochan S, Bhatla N, Luthra K, Sharma A, Kshetrapal P, Saxena S, **Arora P**, Rani N, Dhingra R (2018) Evaluation of migration of HTR-8/SVneo cells after H2S donor treatment: Impact on placentation, Oral Presentation. *Journal of the Anatomical Society of India* 68(Suppl 1):p S1-S72, October 2019.
- 15) Yadav A, Gupta SK, Saxena S, **Arora P**, Mishra M, Dhingra R, Singh S, Bhatla N & Rani N. (2019) Expression of High Mobility Group Box 1 (HMGB1) in preeclamptic placenta, 18th November 2019 (Monday). *Journal of the Anatomical Society of India* 69(Suppl 1):p S1-S131, August 2020.

- 16) Mochan S, Gupta SK, Saxena S, **Arora P**, Yadav V, Mishra M, Rani N, Bhatla N, Dwivedi SN, Dhingra R (2019) Up-regulated central regulator of UPR in trophoblastic cells: a hallmark of ERstress in Preeclampsia, 18th November 2019 (Monday). Journal of the Anatomical Society of India 69(Suppl 1):p S1-S131, August 2020.

PRESENTATIONS (in conferences)

- 1) **Pallavi Arora**, Renu Dhingra, Sahil Kalra, Pallavi Kshetrapal, Neerja Bhatla, Sadanand Dwivedi (2024) Insufficient trophoblastic invasion leads to impaired placentation in early onset preeclamptic patients: a case-control study, presented in 6th CME & Conference of North Chapter of Anatomists Society (NCAS) CME on 3D Anatomy Insight: Revolutionizing Medical Education for clinical excellence" organised by Department of Anatomy, All India Institute of Medical Sciences, Bilaspur, HP on 28th September 2024.
- 2) **Pallavi Arora**, Renu Dhingra, Sahil Kalra, Pallavi Kshetrapal, Neerja Bhatla, Sadanand Dwivedi (2024) Down-regulation of Specificity Protein 1 in human placenta is associated with early-onset preeclampsia, presented in 6th CME & Conference of North Chapter of Anatomists Society (NCAS) CME on 3D Anatomy Insight: Revolutionizing Medical Education for clinical excellence" organized by Department of Anatomy, All India Institute of Medical Sciences, Bilaspur, HP on 28th September 2024.
- 3) **Pallavi Arora**, Renu Dhingra, Sahil Kalra, Pallavi Kshetrapal, Neerja Bhatla, Sadanand Dwivedi (2024) Insufficient trophoblastic invasion leads to impaired placentation in early onset preeclamptic patients: involvement of CBS, Sp1, and miR-22 Placental Biology Course, University of Cambridge.
- 4) **Arora P**, Khan MA, Dhingra R, Mochan S and Razdan SK (2023) Unusual innervation of the median nerve in the arm in the absence of musculocutaneous nerve: A Case Report, presented in 70th National Conference of Anatomical Society of India (NATCON 70), Department of Anatomy, Tomo Riba Institute of Health and Medical Sciences (TRIHMS), Naharlagun, Arunachal Pradesh.
- 5) **Arora P**, Khan MA, Dhingra R, Mochan S and Razdan SK (2023) Variation in the origin of Gastroduodenal Artery: A Case Report, presented in 70th National Conference of Anatomical Society of India (NATCON 70), Department of Anatomy, Tomo Riba Institute of Health and Medical Sciences (TRIHMS), Naharlagun, Arunachal Pradesh.
- 6) **Arora P**, Mochan S, Gupta SK, Saxena S, Rani N, SK P, Dwivedi S, Bhatla N, Dhingra R (2022) Pathogenesis of Preeclampsia: Role of Cystathionine Beta Synthase, presented in Global Congress of Anatomists and NATCON 69, Department of Anatomy, Gadag Institute of Medical Sciences, Gadag, Karnataka, India.
- 7) **Arora P**, Mochan S, Gupta SK, Saxena S, Rani N, SK P, Dwivedi S, Bhatla N, Dhingra R (2022) The complete transcriptional and translational profiles of matrix metalloproteinase-9 and tissue inhibitor of metalloproteinase-1 in pregnant women with early onset preeclampsia in Indian population, presented in Global Congress of Anatomists and NATCON 69, Department of Anatomy, Gadag Institute of Medical Sciences, Gadag, Karnataka, India.
- 8) **Arora P**, Mochan S, Gupta SK, Saxena S, Rani N, Kshetrapal P, Dwivedi SN, Bhatla N, Dhingra R (2022) Defective trophoblast invasion: implications for the pathogenesis of preeclampsia, presented in NATCON 68, Department of Anatomy, King George's Medical University, Lucknow, UP.
- 9) **Arora P**, Mochan S, Gupta SK, Saxena S, Rani N, Kshetrapal P, Dwivedi SN, Bhatla N, Dhingra R (2019): Gelatinase-A levels downregulated in early onset preeclamptic patients of Indian origin: a case-control study. Presented at All India Cell Biology Conference, Indian Institute of Science Education and Research, Mohali, Punjab.
- 10) **Arora P**, Kshetrapal P, Bhatla N, Luthra K, Sharma A, Rani N, Mochan S, Gupta SK, Saxena S, Dhingra R (2018): Effect of cystathionine gamma lyase on markers of trophoblast invasion "an in vitro study": Implications in adverse pregnancy outcomes like preeclampsia. Presented in International Congress of Cell Biology (ICCB), Hyderabad, India, January 27-31, 2018.
- 11) **Arora P**, Kshetrapal P, Bhatla N, Luthra K, Sharma A, Rani N, Mochan S, Gupta SK, Saxena S, Dhingra R (2018): Study on the genetic expression of hydrogen sulphide producing enzymes in early onset preeclampsia. Presented at the Society of Young Scientists Conference, January 11 and 12, 2018, All India Institute of Medical Sciences, New Delhi, India.
- 12) Dr. Mochan S, Dr. Gupta SK, **Dr. Arora P**, Dr. Bhatla N, Dr. Dhingra R (2023) Placental cells in preeclampsia demonstrate enhanced expression of GRP78 and positive correlation between sVEGFR1 and GRP78, presented in 70th National Conference of Anatomical Society of India (NATCON 70), Department of Anatomy, Tomo Riba Institute of Health and Medical Sciences (TRIHMS), Naharlagun, Arunachal Pradesh.
- 13) Shivani, **Arora P**, Saxena S, Verma N, Mishra M, Rani N, Sharma A, Bhatla N and Dhingra R (2022) Study of the association of Matrix Metalloproteinase-9 gene polymorphism in Preeclampsia, presented in NATCON 68, King George's Medical University UP, Lucknow.

- 14) Gupta SK, Mochan S, **Arora P**, Kshetrapal P, Rani N, Bhatla N and Dhingra R (2022) Evaluation of Hydrogen Sulphide Producing Enzymes in Preeclamptic Placentae, presented in NATCON 68, King George's Medical University, Lucknow, UP.
- 15) Gorai PK, Gupta SK, **Arora P**, Shivani, Raja JS, Jain H, George F, Priyanka, Sharma MC, Dhingra R, Nag TC, Pal S, Dash NR, Kumar S, Singh S, Agarwal S, Rani N (2022) Expression of Survivin and Xiap in Pancreatic Neuroendocrine Tumors (PNETS), presented in NATCON 68, King George's Medical University, Lucknow, UP.
- 16) Mochan S, Gupta SK, **Arora P**, Bhatla N, Dhingra R (2022) IRE1 and ATF6 arms of Unfolded Protein Response is due to increased sVEGFR1 in placental cells, presented in NATCON 68, King George's Medical University, Lucknow, UP.
- 17) Gupta SK, Mochan S, Shobhit S, **Arora P**, Rani N, Jacob TG, Sharma A, Bhatla N, Luthra K, Kshetrapal P, Dhingra R (2019) Evaluation of migration potential of trophoblast cells after hydrogen sulphide treatment, presented in All India Cell Biology Conference, Indian Institute of Science Education and Research, Mohali, Punjab.
- 18) Mochan S, Gupta SK, Shobhit Saxena, **Arora P**, Rani N, Dwivedi SN, Bhatla N, Dhingra R (2019) Raised GRP78 levels is a probable key factor contributing early onset preeclampsia in pregnant mothers, presented in All India Cell Biology Conference, Indian Institute of Science Education and Research, Mohali, Punjab.
- 19) Gupta SK, Mochan S, Bhatla N, Luthra K, Sharma A, Kshetrapal P, Saxena S, **Arora P**, Rani N, Dhingra R (2019) Hydrogen sulphide improves the migration potential of trophoblast cells: an in vitro study, presented in NATCON 67, Vardhman Mahavir Medical College and Safdarjung Hospital, New Delhi.
- 20) Dhingra R, Bhatla N, Rani N, Kshetrapal P, **Arora P**, Gupta SK, Saxena S and Mochan S (2018) Immunolocalisation of hydrogen sulphide producing enzyme (cystathionine gamma lyase) in early and late onset preeclampsia, presented in International Conference on Health Sciences, University of Sri Jayewardenepura, Sri Lanka.
- 21) Gupta SK, Mochan S, Bhatla N, Luthra K, Sharma A, Kshetrapal P, Saxena S, **Arora P**, Rani N, Dhingra R (2018) Effect of hydrogen sulphide on migration of trophoblast cells: An in vitro study, presented in International Congress of Cell Biology (ICCB), Hyderabad, India.
- 22) Saxena S, Kshetrapal P, Mochan S, Bhatla N, Luthra K, Sharma A, Gupta SK, **Arora P**, Rani N, K Dheeraj, Dhingra R (2018) The role of hydrogen sulphide in mediating trophoblast invasion during placentation and its likely role in preeclampsia, presented in International Congress of Cell Biology (ICCB), Hyderabad, India.
- 23) Mochan S, Bhatla N, Luthra K, Sharma A, Gupta SK, Saxena S, Rani N, **Arora P**, Dhingra R (2018) VEGF Alleviates Endoplasmic Reticulum Stress in Trophoblast Cells herewith PERK arm; Implications in Preeclampsia, presented in International Congress of Cell Biology (ICCB), Hyderabad, India.
- 24) K Dheeraj, Dhingra R, Sharma MC, Pal S, Kumar R, Singh S, Yadav V, Saxena S, Gupta SK, Mochan S, **Arora P**, Rani N (2018) Correlation of cKIT expression & 68Ga- DOTANOC scans in gastroneuroendocrine tumors, presented in International Congress of Cell Biology (ICCB), Hyderabad, India.

MEMBERSHIP OF ACADEMIC BODIES

- 1) Anatomical Society of India
- 2) North Chapter of Anatomists Society
- 3) American Association of Anatomists
- 4) Indian Dental Association
- 5) European Academy of Dentomaxillofacial Radiology
- 6) International Association of Student Surgical Societies

CONFERENCES ATTENDED (National & International)

- 1) 6th CME & Conference of North Chapter of Anatomists Society (NCAS) CME on "3D Anatomy Insight: Revolutionizing Medical Education for clinical excellence" organised by Department of Anatomy, All India Institute of Medical Sciences, Bilaspur, HP on 28th September 2024.
- 2) DASMOS-2024 organized by the Department of Anatomy, Maulana Azad Medical College on 27th April, 2024.
- 3) 70th National Conference of Anatomical Society of India (NATCON 70), Department of Anatomy, Tomo Riba Institute of Health and Medical Sciences (TRIHMS), Naharlagun, Arunachal Pradesh from 29th November to 2nd December, 2023.
- 4) Global Congress of Anatomists and NATCON 69 organized by Department of Anatomy, Gadag Institute of Medical Sciences, Gadag, Karnataka, India on December 8-11, 2022.

- 5) National Conference of Anatomical Society of India (NATCON 68), January 28-30, 2022, Department of Anatomy, King George's Medical University Lucknow, Uttar Pradesh.
- 6) Experimental Biology, Orlando, Florida, April 6 - 9, 2019.
- 7) All India Cell Biology Conference, December 19-21, 2019, Indian Institute of Science Education and Research, Mohali, Punjab.
- 8) National Conference of Anatomical Society of India (NATCON 67), November 17-20, 2019, Vardhman Mahavir Medical College and Safdarjung Hospital, New Delhi.
- 9) National Conference of Anatomical Society of India (NATCON 66), November 11-14, 2018, All India Institute of Medical Sciences, Rishikesh, Uttarakhand.
- 10) International Congress of Cell Biology: ICCB, Hyderabad, India January 27 - 31, 2018.
- 11) Society of Young Scientists Conference, January 11 and 12, 2018, All India Institute of Medical Sciences, New Delhi.
- 12) National Conference of Anatomical Society of India (NATCON 65), November 30 - December 3, 2017, Pt. Jawaharlal Nehru Memorial Medical College, Raipur.
- 13) National Conference of Anatomical Society of India (NATCON 64), November 28- December 1, 2016, AIIMS, Jodhpur, Rajasthan.
- 14) National Conference of Anatomical Society of India (NATCON 63), November 20-23, 2015, King George's Medical University, Lucknow, Uttar Pradesh.
- 15) Society of Young Scientists Conference, December 10, 2014, All India Institute of Medical Sciences, New Delhi.
- 16) National Conference of Anatomical Society of India (NATCON 62), November 17-20, 2014, Regional Institute of Medical Sciences, Imphal, Manipur.

WORKSHOPS ATTENDED (National & International)

- 1) One week workshop on qualitative & quantitative data analysis organized by IQAC, Mata Sundri College for Women (University of Delhi) & Resilient Foundation for Academic Innovation & Scientific Research, New Delhi (Registered with NITI Aayog, Govt. of India) from September 21st to 27th, 2024.
- 2) 1st Workshop on Genetic Counseling & Prenatal Diagnostics organised by Department of Obstetrics and Gynaecology & Department of Anatomy, All India Institute of Medical Sciences, Jammu In collaboration with National Academy of Medical Sciences on 17th and 18th August, 2024.
- 3) Online Workshop on ADVANCED STATISTICAL DATA ANALYSIS USING SPSS organized by Resilient Foundation for Academic Innovation & Scientific Research, New Delhi (Registered with NITI Aayog) from June 22nd to 28th, 2024.
- 4) Online Workshop on Sample Size Determination & Power Analysis in Health Research organized by Resilient Foundation for Academic Innovation & Scientific Research, New Delhi (Registered with NITI Aayog, Govt. of India) from May 11th to May 13th, 2024.
- 5) IFAA President's Emergent Anatomists Programme "Introduction to Scientific Writing", a workshop organized by the International Federation of Association of Anatomists on 6th October, 2022.
- 6) Pre-Conference Workshop OVERVIEW OF IN VITRO FERTILIZATION: FOCUS ON MALE INFERTILITY organized by the Department of Anatomy, King George's Medical University, Lucknow on 27th January, 2022.
- 7) International Workshop of Anatomy (Virtual), October 22-23, 2021, Department of Anatomy TMMC & RC, Moradabad, UP.
- 8) BMJ Live (Online and On-demand), October 7-9, 2021.
- 9) OVID Day Workshop on Scholarly Communication organized by Dr. B.B. Dikshit Library, AIIMS, New Delhi held on 11th July, 2019.

CMEs ATTENDED (National & International)

- 1) National CME on Research Methodology organized by Research Cell, AIIMS Rajkot on 17th and 18th October 2024.
- 2) CME of Medical Imaging Modalities: Enhancing Anatomical Precision organized by the Department of Anatomy, Darbhanga Medical College and Hospital, Darbhanga, Bihar on 2nd August, 2024.
- 3) International Hybrid CME on "What Next? The World After MBBS..." Career pathways for Doctors", organized by the Department of Anatomy, AIIMS, Madurai, Tamil Nadu on 13th July, 2024.
- 4) "PUPPETEER OF POISE" – CME ON CLINICAL ANATOMY OF BASAL GANGLIA, AN INTEGRATED APPROACH conducted by the Department of Anatomy, Government Medical College, Thiruvallur, Tamil-Nadu on 26th April, 2024.
- 5) CME and Workshop on 'Outflow tract of urinary system' National Hybrid CME "Lots about Luts" organized by Department of Anatomy & Medical Education Unit, Government Kilpauk Medical College, Kilpauk, Chennai on 14th February, 2024.

- 6) National CME on Abdominal Wall: The flat fortress, organized by Department of Anatomy, AIIMS, Kalyani, West Bengal on 28th July, 2023.
- 7) NexTGen-23 International Hybrid CME on Genetics in Paediatrics and Oncology, organized by Department of Anatomy, AIIMS, Madurai, Tamil Nadu on 17th June, 2023.
- 8) CME on “Artificial Intelligence: An Emerging Trend in Medical Science”, organized by Department of Anatomy, AIIMS, Bilaspur, Himachal Pradesh on 29th March, 2023.
- 9) Global Congress of Anatomists and NATCON 69 Pre-Conference CME on “ANATOSCOPE.... Exploring Anatomy Through Tubes” organized by Department of Anatomy, Gadag Institute of Medical Sciences, Gadag, Karnataka, India on 8th December, 2022.
- 10) “The Prodigious Jecur 2022- CME on Clinical Anatomy of the Hepatobiliary System” conducted by the Department of Anatomy, Tirunelveli Medical College, Tamil Nādu on 9th December, 2022.
- 11) CME on “Recent Advances in Human Embryology” organized by the Department of Anatomy, School of Medical Sciences and Research, Sharda University, Greater Noida on 31st August, 2022.
- 12) National CME on “Micrometry in Microscopic Image Analysis using ImageJ Software” organized by Department of Anatomy, Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER), Puducherry on 12th February, 2022.
- 13) 68th NATCON of ASI 2022 CME on 'Expanding Horizons of Anatomy: Knowing the Unknown' organized by the Department of Anatomy, King George's Medical University, Lucknow on 28th January, 2022.
- 14) CME on Genetics and Infertility on 30th October, 2021
- 15) Pre-Conference CME/Workshop on “Organ & Body Donation”- National Conference of Anatomical Society of India (NATCON 67), November 17-20, 2019, Vardhman Mahavir Medical College and Safdarjung Hospital, New Delhi.
- 16) Pre-Conference CME cum Workshop on “Use of Multimedia in Anatomy Teaching”- National Conference of Anatomical Society of India (NATCON 66), November 11-14, 2018, All India Institute of Medical Sciences, Rishikesh, Uttarakhand.

WEBINARS ATTENDED (National & International)

- 1) Online Webinar Series on Regional Surgeries: Developmental and Anatomical Perspective by the International Association of Student Surgical Societies from 20th May, 2024 to 12th August, 2024.
- 2) International Webinar on Forensic Anatomy & Medical Laws organized by Department of Anatomy, Topiwala National Medical College & B Y L Nair Charitable Hospital, Mumbai on 21st March, 2024.
- 3) Virtual International Webinar on Educational Research in Anatomical Sciences Education (ERASE – 2023), organized by Department of Anatomy, Sri Ramachandra Institute of Higher Education and Research, Chennai, Tamil Nadu on 3rd August, 2023.
- 4) CPD on “Anatomicoclinical Correlation of Basal Nuclei”, webinar organized by the Department of Anatomy, JNMC, DMIMS (DU), Wardha, Maharashtra on 6th January, 2023.

SYMPOSIA ATTENDED

- 1) National Symposium on “Ensuring Quality in Health Sciences Institutions” organized by Internal Quality Assurance Cell, King George's Medical University at Kalam Center, KGMU, Lucknow on 27th July, 2024.