

# Om Prakash Jasuja

## PROFESSOR OF FORENSIC SCIENCE



*Result-oriented leader skilled in developing high motivation and aspirations in all students so that they attain the highest possible levels of achievement and best outcome from their experience*

### Job Objective

Targeting assignments **in Teaching & Research and Administrative Operations** with an organization of repute preferably in **Teaching Industry**

### Profile Summary

Offering 31 years of experience

- ▶ Immensely contributing towards institution as Vice President - International Association of Forensic Institutes and member of Indian Academy of Forensic Science, Indian Society of Forensic Science and Indian Science Congress Association
- ▶ "Young Scientist Award" to our presentation at IAFS, Tokyo in 1995 and "Second Best Paper Presentation Award" at Forensic Science Forum Indian Science Congress, New Delhi in 2001
- ▶ Merit of getting nominated by Ministry of Home Affairs, Government of India, to be a Member of the Forensic Science Advisory Committee (F-SAC) of the Directorate of Forensic Science, Government of India, New Delhi
- ▶ Successfully planned, led and organized "International Symposium on Forensic Science" at Punjabi University, Patiala in 2002
- ▶ Formerly member of American Academy of Forensic Science, Canadian Society of Forensic Science and Forensic Science Society, UK
- ▶ Excellence in organising along with attending various seminars, workshops, lectures, presentations and study camps at various levels; effectively attended 70 conferences and published 90 papers along with supervising 5 Ph.D. students
- ▶ Fostered and maintained a clear vision for the future of the institution that reflects its educational mission and where practicable to widen the opportunities for such experience in the community

### Organizational Experience

**Feb'83 till date with Punjabi University, Patiala, India**

#### Assignments Managed:

Feb'83- Mar'86 Research fellow in Forensic Science, Punjabi University, Patiala

(Bureau of Police Research & Development, Ministry of Home, Government of India, New Delhi)

Mar'86- Jan'88 Ad-hoc Lecturer in Forensic Science, Punjabi University, Patiala

Jan'88- Dec'95 Lecturer in Forensic Science, Punjabi University, Patiala

Dec'95-Dec'03 Reader in Forensic Science, Punjabi University, Patiala

Aug'01-Aug'04 Chairman, Department of Forensic Science

Dec'03 till date Professor of Forensic Science, Punjabi University, Patiala

Mar'06 and Mar'14 UGC visiting Fellow, Punjab University, Chandigarh

Aug'13 - Aug'16 Chairman, University Department of Forensic science

Jul'15 - Jun'17 Dean, Faculty of Physical sciences (Member, Finance Committee, Senate and syndicate of Punjabi University, Patiala)

#### Key Result Areas:

- ▶ Planned, scheduled, directed and managed:
  - 2 UGC sponsored refresher courses in forensic science for college and university teachers during 2001 - 2003
  - National workshop on Forensic Facial Reconstruction in 2005
  - International Symposium on Advances in Fingerprints Identification

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### Core Competencies

Teaching & Research

University Administration

Curriculum Development

Education Program Planning

Strategy Planning

Academic Counselling

### Soft Skills

Communicator

Innovator

Collaborator

- o in 2008
- o UGC visiting Fellow, Punjab University, Chandigarh in 2013
- o International Fingerprint Research Group meeting in 2015

## Notable Achievements

- ▶ Young Investigator Award to our Presentation at 14th IAFS, Tokyo, 1995
- ▶ Award of 11nd best paper presented at the Forum on Forensic Science during 88th session of the Indian Science Congress held in New Delhi from January 3-7, 2001
- ▶ Among the best three research papers in National Seminar on Role of Forensic Science in Criminal Investigation with special emphasis on Scene of Crime held at Bhopal, India from March 15-16, 2003
- ▶ Attended ten days NABL sponsored training program on "Quality Management System and Internal Audit on ISO/IEC 17025: 2005" in June 2004
- ▶ Invited to lecture at Division of Identification & Forensic Science (DIFS), Israel National Police HQ, Jerusalem, 2005
- ▶ Invited to lecture at Faculty of Forensic Medicine, Ankara University, Ankara, Turkey 2005
- ▶ Invited to lecture at SESAM (Forensic Training Center, Turkish Police) Ankara 2005
- ▶ Attended Advanced Course in Techno-Management for mid-level scientists sponsored by Department of Science & Technology (DST), Govt. of India, held at Administrative Staff College of India (ASCI), Hyderabad from May7- June 8, 2007
- ▶ Included in a group of scientists by DST, Ministry of HRD, Govt. of India, for an exposure visit to Israel in Nov'09
- ▶ Invited to attend scientific meeting of International Fingerprint Research Group at University of Lausanne, Switzerland in Jun'09
- ▶ National Award to our patent by Technology Innovation, Forecasting and Assessment Council(TIFAC), Department of Science & Technology, Government of India, 2013 worth INR 5 Lakhs

## Academic Details

- ▶ Post Graduate Diploma in Computer Applications from Punjabi University, Patiala, in 2007
- ▶ Ph.D. in Forensic science (Calculation of Stature from Foot and Shoe Impressions) from Punjabi University, Patiala in 1987
- ▶ M.Sc. in Forensic Science (Forensic Biology and Serology) from Punjabi University, Patiala in 1982

## Citation - H Index Data (As on 24.04.2017)

Citation indices	All	Since 2010
Citations	604	356
h-index	12	9
i10-index	18	9

## Personal Details

**Date of Birth:**15<sup>th</sup>August 1957

**Languages Known:**English, Hindi and Punjabi

**Family:**Married, Two Children (1 Daughter and 1 Son)

# ANNEXURE

## Membership:

- Life member, Indian Academy of Forensic Science, Calcutta
- Life member, Forensic Science Society of India, Madras (organization inactive)
- Life Member, Indian Science Congress Association, Calcutta.
- Life Member, Indian Academy of Forensic Medicine
- Member, The Forensic Science Society, U.K. (formerly)
- Member, Canadian Society of Forensic Science (formerly)
- Member, American Academy of Forensic Science (formerly)
  
- Attended and delivered key note address National Symposium on Emerging Areas of Forensic Science at New Delhi from Dec.3-6, 2004
- Invited to deliver a series of special lectures at Division of Identification & Forensic Science (DIFS), Israel National Police HQ, Jerusalem, 2005
- Attended and delivered invited lecture on Evidentiary Value of Bite-marks in 2nd course on Forensic odontology organized from January 29-February 4, 2006 by Department of Forensic medicine, Faculty of Medicine, Ankara University, Ankara, Turkey
- Attended and delivered invited lecture International workshop on recent advances in Biometrics and fingerprints held at Sam Higginbottom Institute of Agriculture, Technology and Sciences, Allahabad, India, February 15-16, 2010
- Attended and delivered invited talk at 1st International Conference on Forensic Nano Technology organized by Gujarat Forensic Science University, Gandhinagar, Gujarat from March 25-26, 2011
- Attended and delivered invited talk at National Seminar on Role of Forensic Science in Criminal Justice system held at Bundelkhand University, Jhansi, March 4-5, 2011
- Attended and delivered invited lecture at Indian National Science Academy, New Delhi, The National Academy of Sciences, India, Allahabad, and Indian Academy of Sciences, Bangalore sponsored lecture workshop "Brainwave: Inspiring Young Minds" hosted by Sri Guru Tegh Bahadur Khalsa College (University of Delhi) on 17 - 18 March 2011
- Invited lecture on Forensic cranio-facial reconstruction: State of the art during a special session on perspective in Forensic anthropology on the occasion of INCAA - Inter-Congress in Anthropology : 2012 held at Lucknow University, Lucknow from February 21-23, 2012
- Key note address at 1st International Conference on Forensic Biology and Genetics, Ankara, Turkey November 27-28, 2014
- Key note address at National Seminar on "Role of Forensic Science in Disaster Victim Identification in Indian Perspective" held on 18th & 19th March 2016 at Dr. A.P.J. Abdul Kalam Institute of Forensic Science and Criminology, Bundelkhand University, Jhansi

## Special Mention:

- Patents Awarded:** Indian Patent granted on "A Spray Formulation for Detecting Latent Fingerprints on Sticky Side of Adhesive Tape" Patent No. 251802 dated 14.3.2012

## Ph.D. supervisor of the following doctorate thesis:

- A Study of Various Factors Influencing Handwriting in 2000
- Bite Marks on Various Objects: Comparison and Analysis in 2007
- Development and Evaluation of Latent Fingerprints Using Some Dye Based Formulations in 2009
- Radiological Study on Clavicle for Age Estimation in 2012
- Application of Cranial Measurements in Sex Discrimination in 2015

## Books Published:

- LATENT FINGERPRINT DEVELOPMENT: DYE FORMULATIONS  
Gagandeep Singh and O.P. Jasuja Lambert Academic Publishing

## Contributed Book Chapters:



- ▶ Singla, A.K., Saini, K. Jasuja, O.P. and Singh, S. (2004): A comparison of line quality defects attributed to defective writing instruments and forgery. Handbook of Forensic Science, Editor Prof Vimla Veera Raghavan; Selective and Scientific Books, New Delhi, India.
- ▶ Jasuja, O.P. (2005): Morphological features of human hair: Forensic significance. Forensic Anthropology, Science and Medicine. Editors: Prof Surinder Nath, V.N. Sehgal and M.K. Bhasin. Kamla raj Enterprises, Delhi, India
- ▶ Jasuja, O.P. (2010): Forensic Science laboratory: A set up. In Practical aspects of Forensic medicine. Editors RK Gorea, TD Dogra and AD Aggarwal Jaypee Brothers medical Publishers(P) Ltd. New Delhi
- ▶ Published Policy based Article:  
O P Jasuja (2011) Forensic Science Education: Its relevance in Indian context. University news, The official Publication of Association of Indian Universities. Vol 49 (4) pp1-4
- ▶ Organized one day workshop on career counseling in Anupgarh, A rural tehsil of district Sri Ganganagar Rajasthan
- ▶ Name appeared in the 14th edition of Marquis Who's Who in the World
- ▶ Member of the editorial board of the following Journals:
- ▶ Anil Aggarwal's Internet Journal of Forensic Medicine & Toxicology (<http://anil299.tripod.com/indexpapers.html>)
- ▶ IABT Biospectrum, an official publication of Indian Association of Biology Teachers (Chief Editor)
- ▶ International Advisory Board member, Turkish Journal of Forensic Science
- ▶ Lecturer to the in-service trainees at National Institute of Criminology and Forensic Science, New Delhi, India

### Citations:

- ▶ Total Google Scholar Citations: 604, H INDEX :12 (as on 24.4.2017)
- ▶ M.R. Hecker : Forensische Handschriftenuntersuchung (1993) Kriminalistik Verlag, Heidelberg.
- ▶ David Ellen: The Scientific Examination of Documents, 2nd Edition Ellis Horwood
- ▶ M.J. Bogusz: Handbook of Analytical Separations Vol. 2. Elsevier 2000
- ▶ Modi's Medical Jurisprudence and Toxicology 23rd Edition, Butterworth, 2005

### Publications (71 + 2):

#### Questioned Documents & Fingerprints Examination:

- ▶ Jasuja O.P. Kulvir Singh · Parveen Kumar · Gagandeep Singh (2015): Development of latent fingermarks by aqueous electrolytes on metallic surfaces: further studies Journal of the Canadian Society of Forensic Science 48(3):1-15. DOI:10.1080/00085030.2015.1051316
- ▶ Parveen Kumar · Ritika Gupta M.Sc · Rajinder Singh · Om Prakash Jasuja (2015): Effects of Latent Fingerprint Development Reagents on Subsequent Forensic DNA Typing: A Review Journal of Forensic and Legal Medicine 39 DOI:10.1016/j.jflm.2015.03.002
- ▶ O.P. Jasuja · Parveen Kumar · Gagandeep Singh (2015): Development of latent fingermarks on surfaces submerged in water: Optimization studies for phase transfer catalyst (PTC) based reagents Science & Justice 55(5). DOI:10.1016/j.scijus.2015.03.001
- ▶ O. P. Jasuja, atul K. singla, Harzeen, anita (2014): Spray paint writings on vertical Surfaces executed by Spray paint cans: a preliminary Forensic Study. Problems of Forensic Sciences 2014, vol. 98, 83-90
- ▶ Jasuja, O.P.; Amandeep Kaur, and Parveen Kumar (2012): Fixing latent fingermarks developed by iodine fuming: A new method  
Forensic Science International, Volume 223, Issues 1-3, 30 November 2012, Pages e47-e52
- ▶ J. Almog, H. Sheratzki, E.L. Michal, A. Sagiv, Singh, GD and O.P. Jasuja (2011) Moistened Hands Do Not Necessarily Allude to High Quality Fingerprints: The Relationship Between Palmar Moisture and Fingerprint Donorship Journal of Forensic Science Vol. 56 doi: 10.1111/j.1556-4029.2010.01587
- ▶ Om Prakash Jasuja , Gagandeep Singh and Joseph Almog (2010) Development of latent fingermarks by aqueous electrolytes. Forensic Science International doi:10.1016/j.forsciint.2010.10.011
- ▶ Jasuja, O.P.; Kaur, H. and Singh, G. (2010) : latent fingerprints of children: Effect of nutrition status on development of prints. Indian Police Journal , Vol. LVII (4) PP 63-69
- ▶ Jasuja, O.P., Singh, G.D. and Kumar, M. A Dermatoglyphic Study in Cases of Polydactyly and Syndactyly. Anil Aggrawal's Internet Journal of Forensic Medicine and Toxicology [serial online], 2010; Vol. 11, No. 1 [http://www.geradts.com/anil/ij/vol\\_011\\_no\\_001/papers/paper002.html](http://www.geradts.com/anil/ij/vol_011_no_001/papers/paper002.html).
- ▶ Joshi, M.C., Choudhary, R and Jasuja, O.P. (2009) Transposition forgery through image processing. A fresh approach towards its examination and detection. Problems of Forensic Sciences, vol. LXXIX, 338-347
- ▶ Jasuja, O.P. and Singh, G.D. (2009): Development of latent fingermarks on thermal paper: Preliminary investigation into use of iodine fuming Forensic science International 192: e 11-e16
- ▶ Jasuja O.P., Aadeel T, Singh G.D. and Sodhi G.S. (2009): Dynamics of Latent Fingerprints: Effect of Physical Factors on Quality of Ninhydrin Developed Prints. Science & Justice 49 pp 8-11

- Jasuja, O.P.; Singh, G.D.; and Sodhi, G.S.(2008): Small Particle Reagent: Development of Fluorescent Variants. *Science & Justice* 48 pp 141-145
- Jasuja, O.P., Singh, G.D. and Sodhi,G.S. (2008): Development of latent fingerprints on photographic film. *The Indian Journal of Criminology and Criminalistics*. Vol XXIX No. 2 pp 131-137
- Singla, A.K.; Jasuja, O. P. and Kaur, S. (2007): The Effect of Water Soaking on Ballpoint Pen Writings *Journal of American Society of questioned Domumnet Examiners* Vol. 10, (2), pp 97-100
- Jasuja, O.P., Singh G.D. and Sodhi, G.S. (2007): Development of Latent Fingerprints on Sticky Side of Adhesive Tapes: Phase Transfer Catalyst Based Formulation. *Journal Canadian Society of Forensic Science* vol. 40(1): 1-13
- O.P Jasuja, Gagandeep Singh and GS Sodhi (2007): Small Particle Reagent: A simple and Eco-friendly modification. *Journal of Forensic identification*. vol. 57(2): 244-251
- O.P. Jasuja, Gagan deep Singh and G.S. Sodhi (2006): Development of Latent fingerprints on compact disc and its effect on subsequent data recovery. *Forensic Science International Volume 156, Issues 2-3, Pp 237-241*
- Gagan deep singh, O.P. Jasuja and G.S. Sodhi (2006): Detection of Latent Fingerprints of Fruit & Vegetable Surfaces, *Journal of Forensic Identification*. 56(3):374-381,
- G.S. Sodhi, Jasjeet Kaur, Gagan Deep Singh and O.P. Jasuja (2006 ) : A Fingerprint Powder Formulation Involving Brilliant Blue R Dye. *Turkish Journal of Forensic Science* Vol. 5 (2): 27-32.
- G.D.Singh, G.S.Sodhi and O.P.Jasuja (2006) : Detection Of Latent Finger Marks On Fruits And Vegetables Surface: A non Destructive approach. *Fingerprints Whorld*. England. Vol.33 No.126
- Jasuja, O.P. ; Singh G.D and Divya (2006): Computer aided decipherment of indented writings: a simple approach. *The Indian Journal of Criminology and Criminalistics*. Vol XXVII No. 2 pp 49-51
- Singh, M., Vaid, B.A., and Jasuja, O.P., (2005): "Limits of Science, or the Science of Limits? A Document Expert's Dilemma," *The Forensic Scientist Online Journal*, Vol. 8, , pp. 1-7 <http://www.quincy.ca/journals/pdf/TFSV7050303-0048-opj.pdf>
- A.H. Lyter III, O.P. Jasuja, A.K. Singla and M.K. Mand (2005): Examination of Gel pen Inks using Physical and Thin Layer Chromatographic examination. *Journal of ASQDE* 8 (2) : 83-88
- Thakur,V.; Jasuja,O.P. and Singla,A.K.( 2004): Thin layer chromatography of photocopy toners. *Journal of Forensic identification* 54(1):53-63.
- Jasuja,O.P.; Ukpere, M.I. and Singla A.K. (2003): Developing latent fingerprints: Sandwich method revisited. *The Internet Journal of Prof. Andre Moenssens*: [http://www.forensic-evidence.com/site/ID/sandwich\\_method.html](http://www.forensic-evidence.com/site/ID/sandwich_method.html) Paper translated in Dutch and Bulgarian independently.
- Kaur,B. Jasuja,O.P. and Singla, A.K. : POROSCOPY (2000): A method of personal identification revisited. *Anil Aggarwal's Internet Journal of Forensic Medicine and Toxicology* vol 1(1) Translated to Dutch and Bulgarian independently.
- Jasuja, O.P. and Garg, V.K. (1999): Deciphering obliterated writings :A simple and new method, Paper presented at the 50th meeting of the American Academy of Forensic Science, San Francisco, USA, and *Int. J. Foren. Doc. Examination* vol 5 pp 270-279
- Saini,K., Jasuja,O.P., Singla, A.K. and Singh,S. (1999): A study of the handwriting of visually impaired persons. *Int. J. Foren. Doc. Examination* vol 5 pp 39-53
- Tondon, G\*. , Jasuja, O.P. and Sehgal, V.N : The characterization of photocopy toners using FTIR spectroscopy \*Young Investigator award at 14th. IAFS, Tokyo and *Int. J. Foren.Doc. Exam.* vol.3. (2) (1997)119-126 and proceedings of 14th IAFS held in Tokyo
- Jasuja, O.P. and Sharma, Rozy (1997): Thin layer chromatographic analysis of some printing inks, *Int.J. Foren.Doc.Exam.* vol.3 (4), 356-359
- Jasuja,O.P., Komal and Singh, S. (1996): Examination of Gurumukhi script: A preliminary report. *J. Foren. Sci. Soc. U.K. ( Science & Justice)* , 36 (1):9-13
- Tondon.G., Jasuja .O.P. and Sehgal, V.N. (1995) : Thin layer chromatographic analysis of photocopy toner. *Foren.Sci. Int.* 73,149-154.
- Singla. A.K. and Jasuja, O.P. (1995): A false document bearing genuine thumbprints *Int.Crim. Pol. Rev. No. 452-453 :59-61*
- Jasuja, O.P. and Singla, A.K. (1995) : Application of ESDA in demonstrating traced forgeries *Foren.Sci.Int.* 75: 25-28
- Jasuja, O.P. and Singla, A.K. (1995): Thin layer chromatographic analysis of some red and green ball point pen inks. *The Ind. J. of Crim. & Criminalistics* XVI (1-2): 37-46
- Chattopadhyay, P.K. and Jasuja, O.P. (1995): Inheritance of the dermal ridges: Correlation between finger and toe ridge counts. *Indian Anthropologist* 25(2):65-70
- Singla, A.K, Jasuja, O.P. and Kaur,J (1994): Determining the sequence of intersecting ball pen lines and correctable carbon ribbon strokes. *Foren.Sci. Int.* 64 : 141-145
- Kaur, N., Jasuja, O.P. and Singla, A.K. (1992): Thin Layer Chromatography of Computer Printer ribbon inks, *Foren.Sci. Int.* 53 : 51-61
- Singla, A.K. and Jasuja, O.P. (1992): Developing and fixing latent finger prints: A simple method, *Can. Soci. Foren.Sci.J.* 25 (2): 119-121
- Jasuja, O.P. and Singla, A.K. (1991): Preserving Electrostatic Detection Apparatus (ESDA) images: A new approach. *Foren. Sci. Int.* 52: 21-23.



- ▶ Singla, A.K. and Jasuja, O.P. (1990): Photographing Indented impressions under oblique light: A Simple Modification. *J. Foren. Sci.Soc., U.K.* 30: 211-214.
- ▶ Jasuja, O.P., and Singla, A.K. (1990): Thin Layer Chromatographic analysis of fibre tip and HI-Tech Point Pen inks. *Ind. J. Foren. Sci.* 4: 167-170.
- ▶ Jindal, R., Jasuja. O.P. and Sharma, R.M. (1990): Thin Layer Chromatographic analysis of some coloured pencils. *Ind.J.Foren. Sci.* 4: 191-202.
- ▶ Jasuja.O.P., Singla, A.K. and Seema, B.L. (1989): Thin Layer Chromatographic analysis of Indian Stamp pad inks. *Foren. Sci. Int.* 42: 255-262.
- ▶ Singla, A.K., Jasuja, O.P. and Seema (1988): Photographic demonstration of Erasures and Alterations: A new Approach. *Ind. J. Foren.Sci..* 2: 183-186.
- ▶ Jasuja,O.P., Singla, A.K. and Chattopadhyay,P.K.(1987): A simple method for determining the sequence of intersecting ball pen lines. *J.Foren.Sci. Soc. U.K.* 27: 227-30.

### Forensic Anthropology:

- ▶ Jain, D., Jasuja, O.P. and Nath, S. (2015) Identification of sex using orbital measurements. *Indian Journal of Physical Anthropology and Human Genetics.* 34(1): 97-108.
- ▶ Deepali Jain · O P Jasuja · Surinder Nath (2014): Evaluation of foramen magnum in sex determination from human crania by using discriminant function analysis *El Mednifico Journal* 2(2). DOI:10.18035/emj.v2i2.82
- ▶ GK Gakhar, V Gupta, OP Jasuja and Khandelwal, N. (2014): Determining the Ossification Status of Sternal End of the Clavicle using CT and Digital X-ray: A Comparative Study *Journal of Forensic Research* 5 (2) 223. doi:10.4172/2157-7145.100022
- ▶ Jain, D., Jasuja, O.P. and Nath, S. (2013) Determination of sex from mastoid process by using discriminant function analysis. *Indian Journal of Physical Anthropology and Human Genetics*, 32(2): 245-247.
- ▶ Jasuja, O.P., Jain, Deepali and nath, S. (2012): SEX DETERMINATION OF HUMAN CRANIA USING MASTOID TRIANGLE AND OPISTHION-BIMASTOID TRIANGLE. *Journal of Forensic and Legal Medicine.* DOI information: 10.1016/j.jflm.2012.09.020
- ▶ Anita Rani, Singla, A. and jasuja O.P. (2012): Estimation of Stature from Partial Footprints among Jat Sikhs of Punjab. *Journal IJPA & H.G Vol. 31 No. 1 pp 111-120*
- ▶ Malik P., Singh G., Gorea R. and Jasuja OP (2012): Prevalence of Developmental Dental Anomalies : A study of Punjabi Population. *Anil Aggrawal's Internet Journal of Forensic Medicine and Toxicology.* Vol. 13, No. 1: [http://www.geradts.com/anil/ij/vol\\_013\\_no\\_001/papers/paper001.html](http://www.geradts.com/anil/ij/vol_013_no_001/papers/paper001.html)
- ▶ Jasuja, O.P.; Aka, P.S.; Singh, G.; Gurbuz, F and Kopkan,O. (2011): Comparison of Indian and Turkish Cephalo-facial Measurements: data for facial Reconstruction applications. *Journal of Indo Pacific Academy of Forensic Odontology* 2 (1): 1-6
- ▶ Kaur Gurdeep, Khandelwal N. and Jasuja O.P. (2010): Computed Tomographic Studies on Ossification Status of Medial Epiphysis of Clavicle: Effect of Slice Thickness and Dose Distribution *J Indian Acad Forensic Med*, 32(4) 298 -302
- ▶ Jasuja O.P., Khandelwal N., Kaur Gurdeep (2009): Estimation of age from ossification of clavicle: A comprehensive review. *Journal of Indian Academy of Forensic Medicine* Vol 31(3)
- ▶ Gorea R K, Jha M, Jasuja O P, Vasudeva K, and Aggarwal A D, (2005) : Marvelous Tools of Identification-Bite Marks. *Medico-Legal Update.* Vol.5, No.2
- ▶ Singh, G.; Jasuja, O.P. and Gorea, R.K.(2005 ) Forensic Examination of Bite Marks-State of the art. *Turkish Journal of Forensic Science.* Vol. 4 (3): 59-66
- ▶ Jasuja,O.P. and Singh, G.(2004): Estimation of stature from hand and phalange length. *Journal of Indian Academy of Forensic Medicine .* 26(3) PP 100-107
- ▶ Jasuja,O.P., Goyal,R., Jethi, R. and Khosla, A.(2001): Toe Interspaces: A preliminary study. *Journal of Indian Academy of Forensic Science.* Pp. Vol.40 (1 & 2)
- ▶ Jasuja, O.P. ,Singh, H.B. and Khosla, A. [1997]: Estimation of stature from footstep length while walking fast. *Foren.Sci.Int.* 86, 181-186
- ▶ Jasuja, O.P. and Manjula (1993): Estimation of Stature from foot step length. *Foren.Sci. Int.* 61 : 1-5
- ▶ Jasuja, O.P., Singh, J. and Jain, M (1991): Estimation of Stature From foot and shoe measurements by multiplication factors: A Revised attempt *Foren.Sci. Int.* 50: 203-215

## Forensic Biology:

- R.K. Gorea · O.P. Jasuja · Abdulwahab Ali Abuderman · Abhinav Gorea (2014): Bite marks on skin and clay: A comparative analysis. Egyptian journal of Forensic Science 4(4). DOI:10.1016/j.ejfs.2014.09.002
- Thind A., Singla, A. and Jasuja, O.P. (2012): ARE IDENTICAL TWINS REALLY IDENTICAL: A COMPARATIVE STUDY OF SCALP HAIR FROM FORENSIC POINT OF VIEW" Turkish Journal of Forensic Science Volume 11. Issue 3, pp 21-25
- Gorea RK, Jasuja OP. Bite marks utility in sexual offences. Indian J Dent 2011; 2 (2):37-9
- Singh, H.; Gorea, R.; Aggarwal, O.P. and Jasuja, O.P. (2004): Determination of sex from hair. Journal of Punjab Academy of Forensic Medicine and Toxicology vol. 4: 5-8
- Sharma, R., Thakkar, M. and Jasuja, O.P. (2002): Twins' hair: A study of some morphological features. J. of Human Ecology vol.13(5):407-410
- Parmar, S. S., Jasuja, O.P. and Chattopadhyay, P.K. (1984): ABO Blood group secretor factor and salivary iso-agglutinins among the Gaur Brahmins, Ind.J.Phys.Anthrop. & Hum Genet. 10(2&3): 172-174

## Miscellaneous Topics:

- Jasuja, O.P.: Ethics in Forensic Science Anil Aggarwal's Internet Journal of Forensic Medicine and Toxicology vol 2(1) (2001)
- Gorea, R.K., Jasuja, O.P., Lynch, V. and Singh, K.: Forensic Nursing in India- need of the hour. Journal of Punjab Academy of Forensic Medicine and Toxicology vol. 2: 49-50; 2002
- Jasuja, O.P. and Singh, R.: Thin layer chromatographic analysis of liquid lipsticks. Journal of Forensic identification 55(1):53-63, 2005

## Papers published in non-referred journals

- Tondon, G., Jasuja, O.P. and Sehgal, V. (1997): Forensic identification of photocopies: An introduction. Police Research and Development Journal No.1 pp 31-33
- Tondon, G., Jasuja, O.P. and Sehgal, V. (1998): Modern Photocopying Process: An introduction. U.P. Police Patrika August Issue pp 49-51

## Conferences Attended and Organized

### 2017

- Conducted a workshop on Forensic Facial Approximation at Indian Society for Dental Research Conference held at Center for Dental Education & Research, AIIMS, New Delhi Sept.30, 2017
- Conducted a workshop on Forensic Facial Approximation at International Conference on Forensic Odontology and Scientific Meeting of Indo Pacific Academy of Forensic Odontology held at Faculty of Dental Sciences, King George medical University, Lucknow, March 29-30, 2017
- Organized National Conference on Forensic Science at Punjabi University, Patiala January, 2017

### 2016

- Attended and delivered an invited talk on Footprints National Symposium on Crime Scene Management held from 3-4 March 2016 at SGTB Khalsa college, University of Delhi, Delhi
- Key note address at National Seminar on "Role of Forensic Science in Disaster Victim Identification in Indian Perspective" held on 18th & 19th March 2016 at Dr. A.P.J. Abdul Kalam Institute of Forensic Science and Criminology, Bundelkhand University, Jhansi
- Delivered invited talk in the 17th Symposium on Questioned Document Examination held at Department of Forensic science,

### 2015

- Organized International Fingerprint Research Group meeting, Punjabi University, Patiala. October 19-23, 2015
- Organized One day seminar on Forensic Toxicology, Punjabi University, Patiala September 5, 2015
- Organized three day International Conference on Questioned Document Examination, Punjabi University, Patiala January 10-12, 2015

### 2014

- 1st International Conference on Forensic Biology and Genetics, Ankara, Turkey November 27-28, 2014
- Attended and delivered lecture in DST sponsored workshop at Asian Institutions, Patiala, and November 17-18, 2014
- Organized two day annual meeting of Indo-Pacific Association of Forensic Odontology at Punjabi University, Patiala. January 19-20, 2014

### 2013

- Delivered invited lecture on Fingerprinting Dead during one of the sessions of joint scientific meeting of 11th National Conference of Indian Congress of Forensic Medicine & Toxicology, and

National Symposium of Technological Advancements in Forensic Application held on the occasion of Golden Jubilee celebrations at Post graduate Institute of Medical Education & Research from January 4-5, 2013

- Participated in DST sponsored training programme on Accountability and Responsiveness in Scientific Organization at Vadodra from January 7-11, 2013
- Attended and delivered an invited talk at 2nd International Symposium of Police Forensic Science Laboratories in Istanbul, Turkey from October 23-26, 2013

## 2012

- Attended and delivered an invited lecture on Forensic cranio-facial reconstruction: State of the art during a special session on perspective in Forensic anthropology on the occasion of INCAA - Inter-Congress in Anthropology : 2012 held at Lucknow University, Lucknow from February 21-23 ,2012.
- Attended and delivered an invited talk on Forensic cranio-facial reconstruction: State of the art in National Symposium on Criminology and Forensic Science held from 5-6 March 2012 at SGTB Khalsa college, University of Delhi, Delhi
- Attended and delivered an invited talk at International Symposium of Police Forensic Science Laboratories in Ankara, Turkey from October 10-14, 2012
- Attended and delivered an invited talk at 9 th. Anatolian Forensic Science Congress, held at Bulent Ecevit University, Zonguldak, Turkey 6-8 November 2012

## 2011

- Attended and delivered invited talk at National Seminar on Role of Forensic Science in Criminal Justice system held at Bundelkhand University, Jhansi, March 4-5, 2011
- Attended and delivered invited lecture at Indian National Science Academy, New Delhi, The National Academy of Sciences, India, Allahabad, and Indian Academy of Sciences, Bangalore sponsored lecture workshop Brainwave: Inspiring Young Minds” hosted by Sri Guru Tegh Bahadur Khalsa College (University of Delhi) on 17 - 18 March 2011
- Attended and delivered invited talk at 1st International Conference on Forensic Nano Technology organized by Gujarat Forensic Science University, Gandhinagar, Gujarat from March 25-26, 2011
- Attended and chaired a scientific session of 2nd Indo-Pacific Academy of Forensic Odonotlogy held at Santosh Medical University, Ghaziabad, Delhi from May 7-8, 2011
- Attended National workshop on Forensic Odontology: past, present & future and conducted a workshop on forensic examination of bite marks at Government Dental College, Mumbai, India from Nov. 10-11, 2011

## 2010

- International workshop on recent advances in Biometrics and fingerprints held at Sam Higginbottom Institute of Agriculture, Technology and Sciences, Allahabad, India ,February 15-16, 2010

## 2009

- Invited to attend 7th meeting of the International Fingerprint Research Group (IFRG) held from June 29-July 3, 2009 at University of Lausanne, Switzerland.
- Visited Israel from November 1-6, 2009 under a scheme for senior scientists sponsored by Department of Science & Technology (Govt. of India)

## 2008

- Organized International Symposium on advances in Fingerprint Identification from February 8-10, 2008 at Punjabi University, Patiala
- National Seminar on Forensic science from April 26-27, 2008 at Gujarat University, Ahmedabad. Delivered Invited lecture on “Personal identification from Fingerprints: Current Issues”
- Attended 18th Triennial Scientific meeting of International Association of Forensic Science from July 21-25, 2008 held in New Orleans, U.S.A.

## 2007

- Attended Advanced Course in Techno-Management for mid-level scientists sponsored by Department of Science & Technology (DST), Govt. of India, held at Administrative Staff College of India (ASCI), Hyderabad from May 7- June 8, 2007

## 2006

- Attended and delivered an invited lecture on Evidentiary Value of Bite-marks in 2nd course on Forensic odontology organized from January 29-February 4, 2006 by Department of Forensic medicine, Faculty of Medicine, Ankara University, Ankara, Turkey.
- Attended and delivered a plenary lecture on Poroscopy and Personal Identification in International Symposium on Advances in Fingerprinting Technologies from February 14-15, 2006 at SGTB Khalsa College, University of Delhi, Delhi

## 2005



- Organized National workshop on Forensic Facial Reconstruction from April 4-8, 2005 at Punjabi University, Patiala
- Scientific Meeting of Balkan academy of forensic science at Constanta, Romania in June 2005

#### 2004

- XV All India Forensic Science Meeting organized by Directorate of Forensic Science at Karnal from Jan.18-20, 2004
- 1<sup>st</sup> Islamic countries conference on Legal Medicine at Tehran (Iran) from June 24-26, 2004
- Attended ten days NABL sponsored training program on "Quality Management System and Internal Audit on ISO/IEC 17025: 2005" in Jun'04
- One day workshop on Patent Awareness organized by Punjab State Council for Science and technology on Nov. 29, 2004 at Central research Institute of Ayurveda, Patiala
- National Symposium on Emerging Areas of Forensic Science at New Delhi from Dec.3-6, 2004 (Delivered Plenary lecture)

#### 2003

- 3<sup>rd</sup> Scientific Meeting of European Academy of Forensic Science held in Istanbul, Turkey from September 22-27, 2003
- National Seminar on Role of Forensic Science in Criminal Investigation with special emphasis on Scene of Crime held at Bhopal, India from March 15-16,2003

#### 2002

- Organized an International Symposium on Forensic Science from Feb.14-17, 2002 at Punjabi University Patiala, India
- Organized three weeks refresher course in Forensic Science for college and university teachers in December 2002 sponsored by University Grants Commission, New Delhi, India

#### 2001

- XIIIth All India Forensic Science Conference held at Ahmedabad, Gujrat from Nov. 9-11, 2001
- Organized three weeks refresher course in Criminology and Forensic Science for college and university teachers in December 2001 sponsored by University Grants Commission, New Delhi, India

#### 2000

- 88th session of Indian Science Congress held in New Delhi from January 3-7,2000
- Three days workshop on Control of Illegal Wildlife Trade in India at Wildlife Institute of India, Dehradun from Feb. 22-25, 2000

#### 1999

One-day workshop on Patent awareness at Thapar Corporate R & D Center, Patiala

#### 1998

- 50th Annual Meeting of American Academy of Forensic Sciences. San Francisco, USA
- International Conference on Forensic Documents Examination, Bangalore, January'98

#### 1996

- Scientific meeting of the Indian Academy of Forensic Science, New Delhi
- 83rd Indian Science Congress, Patiala, India, January 1996
- University Grants Commission Research Projects monitoring workshop in Biosciences, Madras, India 1996

#### 1995

- IX conference on Forensic Science, Bureau of Police Research & Development, Shimla, India
- South Asian Association for Regional Cooperation (SAARC) Workshop on Forensic Science, Patiala, India (Acted as Organizing Secretary) 1995

#### 1994

- In service training on Forensic chemical analysis of Dyes & Inks held at Central Forensic Science Lab., Hyderabad, India 1994
- World congress on Penitentiary Health & Treatment of Offenders, Tokyo, Japan June 1994
- Three weeks refresher course in Forensic Science, Patiala, India 1994

#### 1993

- Ten days training in HPTLC at ANCHROM (CAMAG, Switzerland recognized) Bombay, India June 1993
- Three weeks refresher course in Criminology & Forensic Science at National Law School of India University, Bangalore, India 1993

#### 1992

- 80th Indian Science Congress, Goa, India Jan 1992

**1991**

- ▶ International conference on Forensic Science, Patiala, India (acted as Treasurer)
- ▶ 1st Indian National Congress on Forensic Science, Ooty, India Jan. 91

**1989**

- ▶ Four weeks orientation course at Academic Staff College, Guru Nanak Dev University, Amritsar, India

**1989**

- ▶ 3rd Indo-Pacific congress on Legal Medicine and Forensic Science, Madras, India

**1988**

- ▶ Symposium on Questioned Documents & Handwriting Examination, Patiala, India

**1986**

- ▶ Scientific Meeting on the occasion of Silver Jubilee celebration of the Indian Academy of Forensic Science, Patiala, India

**1985**

- ▶ International conference on Forensic Science, Madras, India

**1984**

- ▶ National Symposium on Forensic Biology & Serology, Patiala, India

**1982**

- ▶ Scientific meeting of Indian academy of Forensic Science, New Delhi, India