

Other Information as may be prescribed

Research Work / Publications of Dr. J.R. Gaur, Director, State Forensic Science Laboratory, Himachal Pradesh, Junga – 173216 (India).

A. M.Sc. Dissertation.

1. Gaur, J.R. (1976) Title “Palaeontological investigations of the Sivaliks” of Badha-Ghat Thandora Terrain, Bilaspur Distt., H.P. 1976.

Ph.D. Thesis Titled

2. Gaur, J.R. (1989) “A study of blood group polymorphisms in the selected populations of Haryana with special reference to their detestability in dried blood on ageing” submitted to panjab University Chandigarh in 1989, Degree awarded in 1990. “Work was adjudged to be of international standard and was appreciated by the local dalies also.”

B. Abstracts Published

1. Rao, M.B. Goyal, M.K., Kushwaha K.P.S. & Gaur, J.R. (1984) Experimental study on the developmental stages of maggots for the estimation of time since death. J. Forens. Sci. 24, pp:398(abstract).
2. Gaur, J.R. (1990) Forensic Identification of Animal Flesh and bone pieces in case of sacrilege published in the 1990 proceedings of the Annual conference of Indian Academy of Forensic Sciences held at shillong.
3. Gaur, J.R. Bhalla, V & Chugh, O.P. (1990) Study of detectibility of ‘P’ antigens in dried blood stains and its suitability in Forensic Analysis. Published in the 1990 proceedings of the annual conference of Indian Academy of Forensic Science held at Shillong.
4. Gaur, J.R. Bhalla, V & Chugh, O.P. (1991) A study of detectibility of Rh blood group antigens in dried blood stains published in Indian Journal of Forensic Science Volume V No. 1.
5. Gaur, J.R. Bhalla, V and Chugh, O.P. (1991) Study in detectibility of ABO blood group substances in dried blood stains published in Indian Journal of Forensic Sciences Volume V No. 1. pp.7.
6. Gaur, J.R. and Bhalla, V. (1991) Detection of M & N blood group antigens in dried blood stains. Published in proceeding of the XIII annual conference of Indian Academy of Forensic Medicine. Varanasi.
7. Gaur, J.R. (1991) Ph D. thesis abstract. Published in research bulletin Science, Panjab University Chandigarh July, 1991.
8. Gaur, J.R. Bhalla, V and Chugh, O.P. (1991) A study of detectability of Rh blood group antigens in dried J. Forensic Science. Soc. 5,1,7.
9. Gaur, J.R. A study of detectibility of Lewis antigens in dry blood stains.

- (1991) Proceedings of the scientific meeting of Indian Academy of Forensic Sciences Lucknow. Abstract No. S-87.
- 10 Gaur, J.R. Sangwan, S.K. Ishwar Singh and Kamlesh Thukral (1991) Evaluation of Physical Evidence in a burn case. Proceedings of the scientific meeting Indian Academy of Forensic Sciences, Lucknow. Abstract No. P-19.
- 11 Gaur, J.R. (1993) Distribution of A1 A2 BO and Rh (D) blood group in the Ror and Bishnoi caste populations of Haryana, India. Published in the proceedings of 79th Indian Science Congress, part IV, Abstract No. 2 held at Baroda.
- 12 Gaur, J.R. (1993) Dowry Death Investigations in India Proc. 80th. Indian Science Congress, Part IV, pp. 218.

C Paper publications

1. Gaur, J.R. (1979) Skeletal Growth, Sci., Reporter, Feb. 1979, pp-77
2. Gaur, J.R. (1983) Origin, development and application of the Science of Fingerprints Haryana P.T.C. Journal 1,1, pp:32-36
3. Gaur, J.R. (1985) Identification of the individual from the skull and photograph by using a revised superimposition technique-A case study Haryana P.T.C. journal 3,3 pp:21-23
4. Gaur, J.R., Bhalla, V. (1989) Dental caries in Haryana-A sample survey. Ind. J.Phys. Anthrop. Hum. Genet. 15,3 pp:113-116
5. Gaur J.R., Bhalla, V. and Chugh, O.P. (1990) Study of persistence of P antigens in dried blood stains and its suitability in Forensic analysis. Journal of the Indian Academy of Forensic Sciences Volume 29 No. 1. 50-53
6. Kushwaha, K.P.S., Gaur, J.R., Sangwan, S.K., Yadav, A.S., Thukral, K., Kishwaha, B.P., Chopra, I.S., Chugh, O.P. and Chahal, S.M.S. (1990) ABO and Rh blood groups among 19 caste populations of Haryana. Bionature, 10(1&2), 73-75
7. Gaur, J.R., Bhalla, V. and Chugh, O.P. (1990) Detectability of Kell (K&k) blood group antigens in dried blood stains. Journal of Indian Academy of Forensic Science Vol 29 No. 2 61-64
8. Gaur, J.R. (1990) "Jalti Nav Vadhu" published in Him Police Patrika Vol: II No. 1, 6-8
9. Gaur, J.R. (1991) Monkey Tales of Shimla, Daily Newspaper Indian Express, Weekend, August, 3, 1991 page 2.
10. Gaur, J.R. (1991) A study of blood group polymorphisms of Haryana with special reference to their detectability in dried blood on ageing Ph. D. thesis abstract. Pb. Uni. Bull, (Sci.) July, 1991
11. Gaur J.R., and Sangwan, S.K. A study of burn cases in Haryana, NCRB gazette, Vol. III No. 5, pp 1-4.

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12. Gaur J.R., Bhalla, V. (1991) Detection of M and N blood group antigens in dried blood stains J.I.A.F. Sc., 30, 2, pp:42-45
 13. Gaur, J.R., Verma, Ramesh, K. and Thakur G.C. (1992) Suicidal strangulation. Med. Sci. Law(England) 32, 1, pp:55-56
 14. Gaur, J.R. (1992) "Mata Pita Santan Ki Sahi Pehchan" Dainik Tribune, Feb.11.1992, Page-7
 15. Gaur, J.R. (1992) "Tham Sakte Hain Apradh" Jansatta, June 23, 1992
 16. Gaur, J.R. (1992) "Kankal Bhi Bolte Hain" Dainik Tribune Sept. 23, 1992 page 6 & 7
 17. Gaur, J.R. (1992) Scene of crime investigation in India. Ind. Police Journal, Vol. XXXVII, No. 1-4 pp:53-56
 18. Gaur, J.R. (1992) "Ghatnayan Aap Aur Vigyan" Him Police Patrika, No. 3 and 4, pp:5-6
 19. Gaur J.R., Bhalla, V. and Chugh, O,P. (1992) A study of detectability of Rh blood group antigens in dried blood stains. Ind. J.Forens. Sci. Vol 6, No. 2, pp:63-65
 20. Gaur, J.R. (1992) "Himachal Mein Agnikand ki Samasya" Him Police Patrika. No. 5, pp:16-17
 21. Gaur, J.R. (1992) "Ghatnasthal Parikshan ka Anveshan Safalta" CBI Bulletin. Vol.XXVI, No. 9, pp:11-13
 22. Gaur, J.R. (1992) "Apradh Anveshan Main Vayakti Ki Pehchan Hetu Nayayalik Jiv Vidyan Ka Yogdhan", Police Vigyan, 10, 41, pp:8-9, BPR&D, New Delhi.
 23. Gaur, J.R. (1992) Blood group phenotypes and gene frequencies in some caste populations of Haryana State, India, J.I.A..F.S. Vol 31, 2, pp:45-46
 24. Gaur, J.R. Sangwan, S.K., Ishwar Singh & Kamlesh Thukral (1993) Evaluation of Physical Evidence in a Burn Case. Med. Sci. Law. (England), Vol 33 No. 1, pp:3
 25. Gaur, J.R. (1993) Forensic Examinations in two cases of alleged dowry death. Med. Sci. Law (England) Vol 34, No. 3, pp:270-274
 26. Gaur, J.R., Sharma Arun, Thakur, G.C., Verma, Ramesh, K. and Sharma, Satish (1993) Homicide of accidental death-A case Report, med. Sci. Law (England) Vol. 34, No. 3, pp:-270-274
 27. Gaur, J.R. and Bhalla, V. (1993) A serological profile of the people of Haryana (India). Anth. Surv. Ind., people of India, Delhi, pp:70-83
 28. Gaur, J.R., Sharma, Arun (1993) Distribution of Sexual offences in Himachal Pradesh, India. Proc. Indo-pacific Cong. Bangkok
 29. Gaur, J.R. (1993) "Nayayalik Jeev avam Serum Vigyan Thaha Apradh", Him Police Patrika, No. 6&7, pp:16-17.

30. Gaur, J.R. (1993) "Apradh Anveshan Main Bal-Ki-Khal" Police Vigyan, 11,45, pp:1-2, BPR&D, New Delhi.
31. Gaur, J.R. (1994) "Adhunik Yug Main, Vigan, Samaj, Apradh Kanon Tatha Nayay", Him Police Patrika, No. 8, pp:1-4
32. Gaur, J.R. (1994) "Uljha Anveshan Sulja", Police Vigyan, 12, 48, BPR&D, New Delhi, pp:6-7
33. Gaur, J.R. (1994) How to describe a person, may be a suspect an accused or victim. Guidance, Pamphlet, FSL (H.P.) H.P. Police Deptt. (India)
34. Gaur, J.R. (1994) Forensic Investigations in a case of plane crash, J. Indian Academy of Forensic Sciences (1994) 33 (1&2) page-63
35. Gaur, J.R. (1995) Forensic Investigations in an Arson case. Med. Sci. Law (1995) England, Vol. 35, No. 2, pp:177-179.
36. Gaur, J.R. (1995) "Mrityu Ke Ek Mamle Main Bhotik Sakshya Mulyankan". Police Vigyan 13, 52, pp:12-13 BPR&D, New Delhi.
37. Gaur, J.R. (1995) "DNA Profiling", Him Police Patrika H.P. Police No. 9, pp:1-7.
38. Kaul, V., Tandon, V.K., Gaur, J.R. Sharma, A and Thakur, G.C. (1997) A Genetic study of Balmiki and sood population of H.P (under genetical structure of Indian populations) PP:1:33 Anthropological survey of Indian of Dehradun.
39. Gaur, J.R. (1997) Teeth – A Source of information, CBI, Bulletin Vol.V No.10 Oct., 1997, P.P. 16-16.
40. Gaur, J.R. (1998) "DNA Profiling" EK Javik- Saksh Police Vigyan". BPR&D Vol. 15 No. 62 PP:9-13.
41. Gaur, J.R. (1998) "Skeletons Speak the Truth-Uttar Pradesh Police Patrika Forensic Science Special issue. May, 1998, PP:53-56.
42. Gaur, J.R. (1998) "Unveiling Mystery of Death", Uttar Pradesh Police Patrika June, 1998.,PP:38-39.
43. Gaur, J.R. & Sharma Arun (1998) Application of Human Genetics/ Anthropology in Forensic Science in 'Physical Anthropology and Human genetics perspectives' Ed .I.J.S, Jaswal Asia Visions publishers Ludhiana (Punjab).
44. Gaur, J.R. (1999) "Anthropology in Crime Prevention, Investigation and the Administration of Justice in the 21st Century" Paper presented in the National Seminal at the turn of the Century at Punjab University Chandigarh.
45. Gaur, J.R. (1999) "Apradh Tatha Bal Appradh Ka Vivechan" U.P. Police Patrika, June 1999,PP:12-18.
46. Gaur, J.R. (1999) "DNA profiling Ek Javik Sakshay" M.P.Police Patrika,Vol. 42No. 1&2, PP83-87.
47. Gaur, J.R. (1999) Scientific Investigations in solving the Mystery of a Missing Person. Proceedings, 15th Triennial Meeting of International Association of Forensic Science, Los Angeles, California, USA Pp 203.
48. Sharma Arun , Gaur, J.R. & Thakur, G.C. (1999) "Homicide or Suicide" Paper Presented in Poster Presentation at 11th All India Forensic Science Conf. Held at Bhopal from 22-24 Dec. 1999.
49. Gaur, J.R. (1999) " Apradh Ghatna Sathal, Janta Tatha Police" Article. Published in the Souvenir of H.P. State Police Duty Meet, 1999 held at Hamirpur.

50. Gaur, J.R. (2000) Anthropology in Crime Prevention, Investigation and the Administration of Justice in the 21st Century. "Anthropology at the Turn of the Century" Editors Vashisht, R.N. et. Al Raman Printers, Chandigarh pp 9-15.
51. Gaur, J.R. (2000) "Maritui Ke Ek Mamle Mein Bhohtik Sakshy Moolyankan" Police Vigyan, BPR&D, New Delhi, Vol. 18 No. 73 pp 6-8.
52. Gaur, J.R. (2000) "Police Doorsanchar-Ek Vivechnatmak Adhyayan" Sanchal Samanvay, New Delhi Vol. 1 pp 13-14.
53. Gaur, J.R. (2000) "Use of Science & Technology in crime investigation-past, present and future. Souvenir 2nd All India Police Lawn Tennis Tournament, Guwahati (Assam).
54. Gaur, J.R. (2000) "Forensic Examination of cases of Human killing by Leopard. Forensic Science & Technology, News Digest Vol-2 No. 2, CBI, New Delhi.
55. Gaur, J.R. (2001) Education and Training of Forensic Scientists: Role, Activities and Potential of NICFS. Presented in the seminar at NICFS, New Delhi on 14-07-2001.
56. Gaur, J.R. (2001) Crime Justice and Forensic Science in the contemporary Society. Communicated to the international journal the Anthropologist, New Delhi.
57. Gaur, J.R. (2002) Utilisation of Forensic Science in India . National Conf. Proc .Institute of Behavioural (Health) allied Science Nov. 2002, New Delhi.
58. Gaur, J.R. (2002) "Identification of Human Skeletons" in, Recent Advances in Forensic Biology. Anmol Publications Pvt .Ltd. New Delhi, pp 1-19.
59. Gaur, J.R. Thakur, G.C. and Sharma, Visheshwar (2003) "Forensic Investigations in two Homicide cases" 14th All India Forensic Science Conference at Mumbai-Paper accepted for presentation and published in the proceedings.
60. Gaur, J.R. (2003) "Jeev Avam Serum Vigyan" Police Vigyan, Vol. 20 No. 82, BPR&D, New Delhi pp 5-12.
61. Gaur, J.R. (2003) "Apradh Ghatnasthal Parikshan" CBI Bulletin, Vol IX, No. 3, New Delhi, pp 31-34.
62. Gaur, J.R. (2003) "Role of Forensic Science in criminal Investigation with special emphasis on scene of Crime" Proc. National Seminar Organised by M.P. Police & BPR&D, New Delhi, 15-16 March, 2003 (Bhopal) pp 10-13.
63. Gaur, J.R. (2003) "Nayayalik Vigan Ek Parichai" Sanchar Samanvay, New Delhi, Vol 2, No. 6, pp 24-29.
64. Gaur, J.R., Thakur, G.C. & Sharma, Visheshwar (2004) "A sample Survey of the distribution of Kell Blood types in Himachal Pradesh (India) in CBI Bulletin.
65. Gaur, J.R. & Mishra, V.K. (2004) "Nayayalic Vigyan se Vyakli ki Pehchan" in Vigyan Prakash Journal, World Hindi Foundation, New York, Vol 2, No. 4 , pp 5-7
66. Gaur, J.R. (2004) "Immunology in Forensic Science" in the book recent advances in Forensic Science and Immunology.

67. Gaur, J.R. (2005) "Prashnasapad Pralekh Prikshan" Vigyan Prakash journal, World Hindi Foundation, New York, Vol. 3, No. 1, pp 23-25
68. Gaur, J.R. (2005) DNA profiling, Vigyan Prakash Journal, World Hindi Foundation, New York, Vol.3, No. 2, pp 11-14

Paper presented in Conferences.

1. Rao, M.B., Kushwaha K.P.S. & Gaur, J.R. (1981) Review of Serological examination conducted on case exhibits. Paper presented in the scientific meeting of Indian Academy of Forensic Sciences at Madhuban in April, 1981.
2. Rao, M.B., Kushwaha K.P.S. & Gaur, J.R. (1981) Examination of species of origin, Sex and age from the fragments of burnt bones. Paper presented in the Biennial Conference of Forensic Science held at Jaipur, 1981.
3. Kushwaha, K.P.S. Gaur, J.R. Goyal M.K. and Rao, M.B. (1983) Identification of Seminal and Vaginal acid phosphates using Iso-Electric focusing technique. Paper presented in the Annual Conference of Indian Academy of Forensic Sciences held in November, 1983 at Calcutta.
4. Rao, M.B. Goyal, M.K. Kushwaha, K.P.S. Gaur, J.R. (1984) Experimental study on the development states of maggots for the estimation of time since death. Papers presented in the International meeting of Forensic Science at United Kingdom in August, 1984.
5. Kushwaha, K.P.S. Sangwan, S.K. Thukral, K. and Gaur, J.R. (1986) Detection of ABO blood group factors in putrefied liquid blood in samples-A 20 months study. Papers presented in the Scientific meeting of Indian Academy of Forensic Sciences held at Patiala in Oct., 1986.
6. Gaur, J.R., Bhalla, V. and Chugh, O.P. (1991) A study of detect ability of Rh. Blood group antigens in dried blood stains. Paper presented in the Indian National Congress of Forensic Sciences held at Ooty in January, 1991 (Published).
7. Gaur, J.R., Bhalla, V. and Chugh, O.P. (1991) Study in detect ability of ABO blood group substances in dried blood stains. Paper presented in the Indian National Congress on Forensic Sciences held at Ooty in January, 1991.
8. Gaur, J.R. and Bhalla, V. (1989) Ammonical Extraction method as applied to the detection of species of origin and ABO blood grouping of the partially burnt pieces of bones-A cases study. Paper presented at the UGC National Seminar held at the Deptt. of Anthropology, University of Delhi in December, 1989.
9. Gaur, J.R. and Bhalla, V. (1991) Detection of M and N blood group antigens in dried blood stains. Paper was accepted for presentation in the XIII Annual conference of Indian Academy of Forensic Medicine 1991, held at Varanasi (Published).
10. Gaur, J.R. (1991) A Study of detect ability of Lewis antigens in dry blood stains. Paper presented in the scientific meeting of Indian Academy of Forensic Sciences held at Lucknow from July 6-8, 1991.
11. Gaur, J.R. Sangwan, S.K., Ishwar Singh Kamlesh Thukral (1991) Evaluation of physical evidence in a burn case paper presented in the scientific meeting of Indian Academy of Forensic Sciences held at Lucknow from July 6-8, 1991.

- 12 Gaur ,J.R.
(1991) Distribution of A₁A₂BO and Rh (D) blood groups in the Ror and Bishoi caste populations of Haryana, India. Paper sent to Indian Science Congress, Baroda, January, 1992.
- 13 Gaur,J.R. & Sharma,
Arun
(1992) Distribution of sexual offences in Himachal Pradesh, India. To Indopacific conference to at Bangkok (Thailand from 3-11-92.
- 14 Gaur,J.R.
(1992) Dowry death Investigations in India. To 80th Indian Science Congress to be held from 3-1-93. at Goa (panaji).
- 15 Gaur,J.R.
(1994) Teaching and Training of Forensic Science in India. Proc. 82 nd Indian Science Congress Calcutta, pp:213-214.
- 16 Gaur, J.R.
(1995) Forensic Investigations in a case of Plane crash. Communicated for presentation in 9th All India Forensic Science Conference and the Biennial Conference and the Biennial conference of Directors of State FSL's CFSL's to be held in Shimla by BPR&D ,GEQD and SFSL, Shimla in April, 1995.
- 17 Manhan, D.S. &
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A
(1995) Examination of maggots and estimation of time elapsed since death-A case report as for above paper. Proc. 9th All India Forensic Science Conference, Shimla.
- 19 Gaur,J.R.
(1996) Homicide or accidental death-A case report, paper presented in biannual conference of Directors at Chandigarh on 29-9-96.
- 20 Gaur, J.R. & Sharma
Arun
(1996) A Study of detectability of blood group antigens and red cell enzymes on dried blood stains. Proc. Indian Science congress, Forensic Science Forum held at Patiala in January, 1996.
- 21 Gaur, J.R.
(1997) Homicide or accidental death-A case report. Proc. Indian Science Congress, Forensic Science Forum held at New Delhi in January, 1997.
22. Gaur, J.R.
(2005) Forensic Investigations in unveiling the mystery of a death. Proc. 17th All India Forensic Science Conference. 2005.
23. Gaur, J.R.
(2005) Uses and limitations of forensic interrogation techniques, Proc. 17th All India Forensic Science Conference. 2005.

E Research reports in Press or Newspapers on my Ph D. work.

1. "Haryana Ke logon ke Rakt Sabandhon Ki Khoj" Dainik Tribune, 6-11-90.
2. Punjab Kesari on 26-11-96.
3. "Doctor Gaur Ka Anutha Shodh—Ab Rakt Hi Batayega Jatiyon men duri Aur Karibi: "Ghosh Patar" ,. December, 2, 1990.
4. Nav Bharat Times dated 16-12-91.

F Radio Talks or Warta/ Bhent—Warta/

1. "Ghatnayan Aap Aur Vigyan" Warta Broadcasted by AIR Shimla on 1.1.91 from 8.30 to 8.45 am.
2. "Ghatnasthal, Aap Aur Anveshak Safalta" broadcasted on 19-3-91 from 8.30 to 8.40 am from AIR Shimla.
3. "Mata Pita aur Santan ki Sahipehchan" broadcasted on 2-4-91 from 8.20 to 8.30 am from AIR Shimla.
4. "Jalti Vadhu Agnikand" Broadcasted on 7-5-91 from 8.20 to 8.30 am from AIR Shimla.
5. "Dhokhadhari, Jalsaji Aur Janta" Broadcasted on 4-6-91 from 8.20 to 8.30 am from AIR Shimla.
6. "Prayatak aur Shmila ke Bandar" Brodcasted on 2-8-91 from 8.20 to 8.30 am from AIR Shimla.
7. "Nayayalik Vigyan Se Apradhi Ki pehchan" Bhent Varta, Broadcasted on 25-9-91 from 8.30 to 8.40 am from AIR Shimla.
8. "Nar Kankal Bhi Bolte Hain" Broadcasted on 30-3-92 from 9.30 to 9.40 am from AIR Shimla.
9. "Apradhi Ke Pehchan men Nai Vaigyanik Pandhtiyen broadcasted on 26-5-93 at 8.30 am from AIR Shimla.
10. "Viscera "broadcasted on 28-7-93 at 8.30 am from AIR Shimla.
11. "Sinakhat Mein Daut Praman" 22-12-93 AIR Shimla.
12. "Saksh Praman Mein Padchinhon ka Mahatam" 26-10-94 AIR Shimla.
13. "Apradh Vigyan Aur Telematiks" 22-3-95. AIR Shimla.
14. "Apradh Vigyan Aur Sanchar Madhyam" 8-9-95 AIR Shimla.
15. "Badhti Apradh Pravarity Kuchch Manovagyanik Pehlu" 22-11-95. AIR Shimla.
16. "Apradh Vigyan ve Kamputer paruali 2-6-94 ,AIR Shimla.
17. "DNA Printing, 28-2-96, AIR Shimla.
18. "Hawai Durghatnaon ki Janch Kuchch vichitar Sanyog 28-8-96..AIR Shimla.
19. "Vaigyanik Anusandhan Aur Badalta Apradh Pridrishya, "12-2-1997. AIR Shimla.
20. "Apradh Chatnasthal Ka Adhyayan-Kese." 27-6-97. AIR Shimla.
21. "Nayayalayik Vigyan-Ek Jankari." 24-8-98 AIR Shimla.
22. "Nayayaliyak Vigyan-KuchhRochak Tathya" 12-6-2000. AIR Shimla.
23. "Nayayalayik Vigyan-Kuchh RochakTathya" 2001, AIR Shimla.
24. "Badalta Apradh Pridrishya -23-8-2002-AIR Shimla
25. " Forensic Science- An Introduction, DoordarshanKendra, Shimla. Sept, 2002(Television Talk)
26. "Nayayalic Vigyan-Ek Rochak Vigyan" 24-2-2003- AIR Shimla.
27. "Kaise-Kaise Nishan Chodtein Hein Apradhi"-18-8-2003-AIR Shimla.
28. Recording and broadcast of Varta " Kankal Bhi Bolte Hein" from All India Radio Shimla on 13-2-2004.
29. Recording and broadcast of Varta "Lokpriye ho raha hai nayayalic Vigyan" from All India Radio Shimla on 15-9-2004.
30. Recording and broadcast of Varta " Nayayalic Vigyan mein DNA Finger printing from All India Radio Shimla on 19-11-2004.

Research Work / Publications of Dr. Rajesh Kumar, Assistant Director (Physics & Ballistics), State Forensic Science Laboratory, Himachal Pradesh, Junga – 173216 (India).

Four research papers published prior to joining service. The following publications have resulted since joining as Assistant Director.

1. Density Determination of Glass Fragments using top loading balances – Forensic Science and Technology Digest, Jan-Apr-July 2002.
2. Statistical Analysis used in linking recovered pellets to the seized muzzle loading gun – Forensic Science and Technology Digest, Jan-Apr-July 2002.
3. Improving the Crime Investigation Process, Forensic Scientist's perspective, the Indian Police Journal, July-Sept 2003.
4. Elemental composition of soil using X-Ray Fluorescence spectrometry, Communicated to Forensic Science and Technology, News Digest on 21/06/2005.

Publications of Dr. Meenakshi Mahajan, Assistant Director (Document & Photography), State Forensic Science Laboratory, Himachal Pradesh, Junga – 173216 (India).

1. A Rapid and Sensitive Method for the Determination of Ascorbic Acid using Iron (III)-ferronate Complex; **S. P. Arya and M. Mahajan, Anal. Sci. 11(1995)853-855.**
2. Colorimetric Determination of Ascorbic Acid in Pharmaceuticals and Fruits using a Chromium (VI)-diphenylcarbazide Complex; **S. P. Arya and M. Mahajan, Bull. Chem. Jpn. 69 (1996)1561-1563.**
3. Spectrophotometric Determination of Vitamin C using an Iron(II)-pyridine-picolinic acid Complex; **S. P. Arya and M. Mahajan, Anal. Sci 12(1996)941-945.**
4. Extractive Spectrophotometric Method for the Determination of Iron as Fe (III)-ferronate Complex; **S. P. Arya and M. Mahajan, Annali di Chimica 87 (1997)529.**
5. Spectrophotometric Determination of Vitamin C with Iron(II)- α, α' -bipyridyl Complex; **S. P. Arya and M. Mahajan, Proc. Nat. Aca Sci. India 67 (1997)39-44.**
6. A Rapid and Sensitive Method for the Determination of Vanadium using 5,7-dibromo-8-hydroxyquinoline Complex; **S. P. Arya and M. Mahajan, J. Ind. Chem. Soc. 74 (1997)66-67.**
7. A Method for the Determination of Ascorbic Acid using the Iron (II)-pyridine-dimethylglyoxime Complex; **S. P. Arya and M. Mahajan, Annali di Chimica 87 (1997)---**
8. Nitroso-R salt as a Sensitive Reagent for the Determination of Vitamin C; **S. P. Arya and M. Mahajan, Analytical Letters 30(1997)2541.**
9. Colorimetric Determination of Ascorbic Acid in Pharmaceutical Preparations and Biological Samples; **S. P. Arya and M. Mahajan, Mikrochimica Acta 127(1997) 45-49.**
10. A Colorimetric Method for Ascorbic Acid Assay of Pharmaceuticals; **S. P. Arya, M. Mahajan & Preeti Jain, Chem. Anal 43(1998) 231-239.**
11. Photometric Methods for the Determination of Vitamin C- A Review; **S. P. Arya, M. Mahajan & Preeti Jain, Anal. Sci 14(1998) 889-895**
12. Spectrophotometric Determination of Vitamin C with Iron(II)-1-(2-pyridylazo)-2-naphthol Complex; **S. P. Arya, M. Mahajan & Preeti Jain, Ind. J. Chem. 38 (1999) 1303-1306.**

13. Spectrophotometric Determination of Ascorbic Acid using 2,3,5-triphenyltetrazolium chloride; **S. P. Arya, M.Mahajan & Preeti Jain**, *Proc .Nat. Academy Sci. India* **69** (1999)**419-424**.
14. Extractive Spectrophotometric Determination of Iron using 3- hydroxyl –(2-thienyl)-4H-chromen-4-one; **S. P. Arya, M.Mahajan & Preeti Jain**, *Indian Journal of Chemistry* **39A** (2000)**552-553**
15. Non- spectrophotometric Methods for the Determination of Vitamin C- A Review; **S. P. Arya, M.Mahajan & Preeti Jain**, *Analytica Chimica Acta* **417** (2000)**1-14**.
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