



## Teaching/Laboratory and Research Experiences

Post held	Name of Institution	Duration
Assistant Professor	Maharishi Dayanand University, Rohtak (Haryana)	Since 20.09.2010
Forensic Analyst (FA)	Central Forensic Science Laboratory, Chandigarh	12-10-2009 to 17.09.2010
Teaching Associate (TA)	Kurukshetra University, Kurukshetra (Dept. of Zoology)	02-09-2008 to 24-4-2009
Senior Scientific Officer- (SSO-Toxicology)	Forensic Science Laboratory, Patna (Bihar)	01-04-2007 to 29-02-2008
Senior Research Fellow (SRF-UGC)	Punjabi University, Patiala	23-08-2006 to 31-03-2007
Junior Research Fellow (JRF-UGC)	Punjabi University, Patiala	23-08-2004 to 22-08-2006

### RESEARCH PAPERS/ARTICLES PUBLISHED -14

1. Thakar, M.K. and **Singh, R**, Diatomological Mapping of Water Bodies for the Diagnosis of Drowning Cases, *Journal of Forensic and Legal Medicine*, 2010, 17: 18-25
2. Thakar, M.K. and **Singh, R**, Diatoms, *Wiley Encyclopaedia of Forensic Science* (UK); 2009; Vol. 2 (C-E): 748-757
3. Thakar, M.K.; Sahota, S.S and **Singh, R**. Deaths due to Drowning in Punjab - A Survey (2005 to 2006), *Medico-legal Update*; 2009, 9(1): 18-22
4. **Singh, R**. and Pamarthi, V. Thin layer chromatographic analysis of Bromadiolone, *Journal of Indian Society of Toxicology*; 2008, 004 (002): 26-28
5. Thakar, M.K.; **Singh, R**.; Singh, R.; Shelja and Kumar, A. Forensic Analysis of Some Lip Cosmetics, *Journal of Forensic Identification (IAI)*; 2007, 57 (5): 697-507
6. Singh, R.; **Singh, R**.; Suman, S. And Thakar, M.K. Thin layer chromatographic analysis of some commonly used poisonous seeds, *Journal of Indian Society of Toxicology*; 2006, 002(2): 33-35
7. **Singh, R**.; Singh, R. and Thakar, M.K. Extraction Methods of Diatoms, *Indian Internet Journal of Forensic Medicine & Toxicology*; 2006, 4(2)
8. **Singh, R**.; Singh, R.; Singh, R. and Thakar, M.K. Diatomological studies from three water bodies of Jaipur, *Indian Internet Journal of Forensic Medicine & Toxicology*; 2006, 4(3): 69-76
9. Singh, R.; **Singh, R**.; Arora, S. and Thakar, M.K. Forensic Analysis of Diatoms-A Review, *Anil Aggrawal's Internet Journal of Forensic Medicine & Toxicology*; 2006, 7(2)

10. Jasuja O.P. and **Singh, R.**, Thin layer chromatographic analysis of liquid lipsticks, *Journal of Forensic Identification (IAI)*; 2005, 55 (1): 28-35
11. **Singh, R.**; Singh, R. and Thakar, M.K. Drowning Associated Diatoms, *Indian Internet Journal of Forensic Medicine & Toxicology*; 2005, 3(3)
12. Thakar, M.K.; Kular, M., **Singh, R.** and H. N. Khan. "A study of sexual offences in Punjab" *Medico-Legal Update*. July - December, 2010, 10(2): 45-47
13. Chandel, R.S.; Vaishya, S. and **Singh, R.** "A New Thin Layer Chromatographic System for the Analysis of Some Commercially Available Mosquito Repellents" *Journal of Indian Society of Toxicology* in Vol6, No2 of 2010; 11-15
14. Thakar, MK, Luthra, D. **Singh, R.** A floristic survey of diatom distribution pattern in some small water bodies (Lake and Sarovars), *J Punjab Acad Forensic Med Toxicol* 2011;11(2): 81-86

#### **ABSTRACTS PUBLISHED -04**

1. Abstract entitled as "**Forensic Diatomological mapping- An aid in solving drowning mysteries**" published in the INTERNATIONAL SYMPOSIUM ON EMERGING TRENDS IN FORENSIC SCIENCE, held in the Department of Forensic Science, Punjabi University Patiala on February 22-24, 2010.
2. Abstract entitled as "**Forensic Diatomological Studies of Sukhna Lake (Chandigarh)**" was published in the National seminar on managing climate change: molecules to community held in the Department of Zoology, Kurukshetra University, Kurukshetra on March 21-22, 2009.
3. Paper entitled as "**Comparative Study of Diatoms from some Water bodies of Punjab**" was presented at "International Symposium on Forensic Sciences, organized by Amity Institute of Advanced Forensic Science Research & Training, held on 22nd to 24th Feb, 2006 at NOIDA (Uttar Pradesh).
4. Abstract entitled as "**Role of Diatoms in Determining Specific Drowning Site**" published in 10<sup>th</sup> Indo Pacific Congress on Legal Medicine and Forensic Science (INPALMS) 2010 from 25<sup>th</sup> to 30<sup>th</sup> October, 2010 at Amity University in collaboration with Department of Forensic Medicine & Toxicology, AIIMS, New Delhi and Department of Forensic Medicine, PGIMER, Chandigarh

## **LIST OF CONFERENCES/SYMPOSIA AND WORKSHOPS ATTENDED**

1. Attended National seminar on “Managing Climate Change: Molecules to Community” held in the **Department of Zoology, Kurukshetra University**, Kurukshetra on March 21-22, 2009.
2. Attended Research Interface Workshop on Insect Diversity with Emphasis on Microlepidoptera from March 24 to 25, 2007 held at the **Department of Zoology, Punjabi University**, Patiala under the auspices of Ministry of Environment and Forests, GOI, New Delhi.
3. Attended workshop on RAPE VICTIM EXAMINATION held on 2-6, February 2006 at **Govt. Medical College, Patiala**.
4. Participated in the International Symposium on Forensic Sciences, organized by **Amity institute of Advanced forensic Science Research & Training**, held on 22nd to 24th Feb, 2006 at NOIDA (Uttar Pradesh).
5. Participated in National Symposium on Cyber Forensic & Computer Crime (NSCFCC) held on 11-13, August 2006 organized by the **Department of Forensic Science, Punjabi University**, Patiala.
6. Attended National Workshop on Forensic Facial Reconstruction (NWFRR) held on April 04-08-2005 in the **Department of Forensic Science, Punjabi University**,
7. Attended 4th annual conferences of PAFMAT and CME of Punjab Academy of Forensic Medicine and Toxicology held on Dec 9, 2005 at **Govt. Medical College, Patiala**.
8. Participated in “All India Criminology Conference (Silver Jubilee Conference of Indian Society of Criminology) “held at **National Institute of Criminology and Forensic Science Ministry of Home Affairs, Rohini, Delhi** from Nov, 1-3, 2001.
9. Attended one day National Seminar on “**Molecular Techniques- The Face of Modern Sciences**” held in the department of Biochemistry, M.D. University, Rohtak on 24.10.2011
10. Attended 1<sup>st</sup> one day National Seminar on “**Microbes and Resource Management**” Organized by Association of Microbiologists of India-Rohtak Unit, M.D. University, Rohtak on 24.10.2011 on 22.10.2012