



MAHARSHI DAYANAND UNIVERSITY, ROHTAK

(Accredited A⁺ Grade by NAAC)

Name : Dr. RAJVINDER SINGH
Date of Birth : 17-04-1979
Designation : Assistant Professor (Stage -III)
Course : Forensic Science
Department : Genetics
University : Maharshi Dayanand University, Rohtak
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TOTAL EXPERIENCE

- Post Graduate Teaching : **More than 10 years**
- Research : **Overall 17 years**

SPECIALIZATIONS

: **Major-** Forensic Chemical Sciences
: **Minor-** Forensic Diatomology

PH.D. TITLE: 'Forensic characterization of diatoms from various water bodies of Punjab'

EDUCATION QUALIFICATIONS

Exam	College/University	Year of passing	Subjects/ Specialization
Bachelor of Science (Medical)	Ramgarhia College, Phagwara (Pb.) affiliated with Guru Nanak Dev University (GNDU), Amritsar (Pb.)	2001	CBZ-Medical
Master of Science (Forensic Science)	Department of Forensic Science, Punjabi University Patiala (PUP)	2003	Forensic Chemistry & Toxicology
Doctor of Philosophy (Forensic Science)	Department of Forensic Science, Punjabi University, Patiala (Pb.)	2009	Forensic Diatomology
Post Graduate Diploma in Computer Applications (PGDCA)	Department of Computer Sciences, Punjabi University, Patiala (Pb.) (Through correspondence)	2008	DBMS, MIS, OS, I-T
National Eligibility Test (NET)	University Grants Commission, New Delhi	2004	Forensic Science JRF-2004 SRF-2006

EMPLOYMENT DETAILS

S.No.	Post held	Name of Institution	Duration
1	Senior Scientific Officer In Toxicology Section	Department of Home, Forensic Science Laboratory (CID- FSL), Patna (Bihar)	2007-2008
2	Teaching Associate In Forensic Science	Department. of Zoology, K.U., Kurukshetra	2008-2009
3	Forensic Analyst In Forensic Biology & Toxicology	Central Forensic Science Laboratory (CFSL), Chandigarh	2009-2010
4	Assistant Professor In Forensic Science	Department of Genetics M.D. University, Rohtak	Continuing since 20.09.2010

Current In-charge/Member

1. Departmental Research Committee, Department of Genetics, MDU Rohtak
2. Advanced Instrument Research Facility for FT-IR, Department of Genetics, MDU Rohtak

Ph.D. Supervision

1. Dr. Ekta Saini (**Completed**)
Title: A Forensic Study Of Diatom Distribution In Some Water Bodies Of Haryana
2. Mr. Saurabh Bhargava (**Submitted**)
Title: Forensic Characterization and Comparative Analysis of Venoms of *Naja naja* & *Daboia russelii*
3. Ms. Kiran Kumari (**Submitted**)
Title: A Survey and Analysis of Poisonous Plants of Forensic Interest From Haryana
4. Ms. Diksha Thakur (**To be registered**)

Research Project/s Undertaken

Title : Forensic diatomological analysis of some water bodies of Punjab
Funding agency : UGC **Granted received** : 1.95 lakhs **Period** : 2011-2013

Total Research Publications: 37

Important Research Articles

1. Thakar, M.K. **Singh, R**, Diatoms, Wiley Encyclopedia of Forensic Science (UK); 2009; Vol. 2 (C-E): 748-757.
2. **Rajvinder Singh**. Narration and Legacy of Important Chemical Spot Tests in Forensic Investigation, *Critical Reviews in Analytical Chemistry*, 50 (2020), 1-18.
3. Bhargava S, Kumari K, Sarin RK, **Singh R**. Call for accurate statistical data to solve snakebite conundrum in India. *Asian Pacific Journal of Tropical Medicine*, 13 (2020) 4: 141-142.
4. Saurabh Bhargava, Ramanjeet Kaur, **Rajvinder Singh**. Epidemiological profile of snake-bite cases from Haryana: A five year (2011–2015) retrospective study. *Journal of Forensic and Legal Medicine* 54 (2018) 9-13.
5. **Singh, R**. Deepa, Ramanjeet Kaur Diatomological mapping of water bodies-A future perspective, *Journal of Forensic and Legal Medicine* 20 (2013): 622-25.
6. Thakar, M.K. and **Singh, R**, Diatomological Mapping of Water Bodies for the Diagnosis of Drowning Cases, *Journal of Forensic and Legal Medicine*, 17 (2010) 17: 18-25.
7. Sharma S, Kumar K, Bhargava S, Jamwal VS, Sharma A, **Singh R**. Data in support of poisoning related mortalities from southern Himachal Pradesh. *Data in Brief*, 12 (2017): 493-498.
8. Ekta Saini, VP Khanagwal, **Singh R**. A systematic databasing of diatoms from Different geographical localities and sites of Haryana for advancing validation of forensic diatomology, *Data in Brief* 10 (2017) 63-68.
9. Thakar MK, **Singh R**, Singh, R, Shelja, Kumar A. Forensic Analysis of Some Lip Cosmetics, *Journal of Forensic Identification* (IAI); 57 (2007) 5: 697-507.
10. Jasuja OP, **Singh, R**, Thin layer chromatographic analysis of liquid lipsticks, *Journal of Forensic Identification* (IAI); 55 (2005) 1: 28-35.